



AF2000 INVERTED MARKING PAINTS

BLUE FLUORESCENT, WATER BASED

SECTION 1: IDENTIFICATION

1.1 PRODUCT IDENTIFIER

Trade Name: Blue Fluorescent
Product Code: AFBL17
Supplier: Allfasteners USA, LLC.

Revision Date: 10/11/17
Supersedes: NEW

1.2 SUPPLIERS DETAILS

Company Name: Allfasteners USA LLC
480 Meadow Lane
Carlstadt, NJ 07072
United States

Telephone: 201.783.8836

Fax: 201.783.8840

Email: salesny@allfasteners.com

1.3 EMERGENCY PHONE NUMBER

Emergency Telephone: 1.800.577.3171

SECTION 2: HAZARDOUS IDENTIFICATION

2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

Flam. Aerosol 1 H222 Extremely flammable aerosol.
Press. Gas H280 Contains gas under pressure; may explode if heated.
STOT SE 3 H335 May cause respiratory irritation.
STOT RE 2 H373 May cause damage to organs through prolonged or repeated exposure.

GHS Hazard Pictograms:



GHS02



GHS04



GHS07



GHS08

2.2 GHS HAZARD STATEMENTS

Signal Word: Danger.

Hazard Statements: Extremely flammable aerosol.
Contains gas under pressure; may explode if heated.
May cause respiratory irritation.
May cause damage to organs through prolonged or repeated exposure.



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2.2 GHS HAZARD STATEMENTS (CONT'D)

Precautionary Statements: Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
Do not spray on an open flame or other ignition source.
Pressurized container: Do not pierce or burn, even after use.
Use only outdoors or in a well-ventilated area.
IF INHALED: Remove person to fresh air and keep comfortable for breathing.
Call a poison center/doctor if you feel unwell.
Store in a well-ventilated place.
Store locked up.
Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
Dispose of contents/container in accordance with local/regional/national/international regulations

SECTION 3: COMPOSITION/INFORMATION OF INGREDIENTS

3.1 HAZARDOUS SUBSTANCES

Chemical Characterizations: Mixtures
Chemical Description: This product is a mixture of the substance listed below with nonhazardous additions.

DANGEROUS COMPONENTS:

64742-89-8	VM&P Naphtha	15.77%
74-98-6	Propane	13.87%
1317-65-3	Calcium Carbonate	10.68%
106-97-8	n-butane	8.15%
1330-20-7	xylene (mix)	4.9%
64742-47-8	Mineral Spirits	3.31%

SECTION 4: FIRST AID MEASURES

4.1 DESCRIPTION OF FIRST AID MEASURES

Inhalation: Supply fresh air; consult doctor in case of complaints.
Skin Contact: Remove contaminated clothing. Wash exposed area with soap and water.
Eye contact: Rinse opened eye for several minutes under running water. Then consult a doctor.
Swallowing: Rinse out mouth and then drink plenty of water.

Most important symptoms and effects: Dizziness

Indication of any immediate medical attention needed: No further relevant information available.



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SECTION 5: FIRE-FIGHTING MEASURES

5.1 EXTINGUISHING MEDIA

Extinguishing Agents: CO₂, extinguishing powder or water spray. Fight larger fires with water spray.

Special hazards: Can form explosive gas-air mixtures.

Protective equipment for firefighters: A respiratory protective device may be necessary.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED

Personal precautions, protective equipment and emergency procedures: Wear protective equipment. Keep unprotected persons away.
Use respiratory protective device against the effects of fumes/dust/aerosol.

Methods and material for containment and cleaning up: Ensure adequate ventilation.

SECTION 7: HANDLING AND STORAGE

7.1 HANDLING

Precautions for safe handling: Use only in well ventilated areas.

7.2 STORAGE

Storage requirements: Keep away from sources of heat and direct sunlight. Do not warehouse in subfreezing conditions. Store locked up.

SECTION 8: EXPOSURE CONTROL/PERSONAL

8.1 CONTROL PARAMETERS

COMPONENTS WITH LIMIT VALUES THAT REQUIRE MONITORING AT THE WORKPLACE:

74-98-6 propane

PEL (USA)	Long-term value: 1800 mg/m ³ , 1000 ppm
REL (USA)	Long-term value: 1800 mg/m ³ , 1000 ppm
TLV (USA)	refer to Appendix F in TLVs&BEIs book; D, EX



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8.1 CONTROL PARAMETERS (CONT'D)

COMPONENTS WITH LIMIT VALUES THAT REQUIRE MONITORING AT THE WORKPLACE:

106-97-8 n-butane

REL (USA)	Long-term value: 1900 mg/m ³ , 800 ppm
TLV (USA)	Short-term value: 2370 mg/m ³ , 1000 ppm (EX)

1330-20-7 xylene (mix)

PEL (USA)	Long-term value: 435 mg/m ³ , 100 ppm
REL (USA)	Short-term value: 655 mg/m ³ , 150 ppm Long-term value: 435 mg/m ³ , 100 ppm
TLV (USA)	Short-term value: 651 mg/m ³ , 150 ppm Long-term value: 434 mg/m ³ , 100 ppm BEI

INGREDIENTS WITH BIOLOGICAL LIMIT VALUES:

1330-20-7 xylene (mix)

BEI (USA)	1.5 g/g creatinine Medium: urine Time: end of shift Parameter: Methylhippuric acids
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8.2 PERSONAL PROTECTION

Hygienic protection: Keep away from foodstuffs and animal feed. Wash hands after use. Immediately remove all soiled and contaminated clothing. Wash hands after use. Avoid contact with the skin. Avoid contact with the eyes and skin. Do not eat or drink while working.

Breathing equipment: A respirator is generally not necessary when using this product outdoors or in large open areas. In cases where short and/or long term overexposure exists, a charcoal filter respirator should be worn. If you suspect overexposure conditions exist, please consult an authority on chemical hygiene.

Hand protection: Nitrile gloves.
The glove material must be impermeable and resistant to the substance.

Eye protection: Tightly sealed goggles



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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Aerosol	Vapor pressure:	Not determined
Odor:	Aromatic	Relative Density:	Between 0.77 and 0.85 (Water equals 1.00)
Odor threshold:	Not determined	Vapor density:	Not determined
pH-value:	Not determined	Evaporation rate:	Not applicable
Melting point/Melting range:	Undetermined	Partition coefficient, n-octonal/water:	Not determined
Boiling point:	-44°C (-47.2 °F)	Solubility:	Not determined
Flash point:	-19°C (-2.2 °F)	Viscosity:	Not determined
Flammability (solid, gas):	Extremely flammable	VOC content:	548.3 g/l / 4.58 lb/gl
Decomposition temperature:	Not determined	Water:	32.1%
Auto igniting:	Product is not self-igniting	Solids content:	19.3%
Danger of explosion:	Extremely flammable		
Lower Explosion Limit:	1.7Vol %		
Upper Explosion Limit:	10.9Vol %		

SECTION 10: STABILITY AND REACTIVITY

10.1 STABILITY AND REACTIVITY

Reactivity:	Stable at normal temperatures
Conditions to avoid:	Do not allow can to exceed 120 degrees Fahrenheit. Do not warehouse in subfreezing temperatures
Chemical stability:	Not fully evaluated
Possibility of hazardous reactions:	No dangerous reactions known
Incompatible materials:	No further relevant information available
Hazardous decomposition:	No dangerous decomposition products known

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 TOXICOLOGICAL INFORMATION

LD/LC50 VALUES THAT ARE RELEVANT FOR CLASSIFICATION:

106-97-8 n-butane

Inhalative	LC50/4 h	658 mg/l (rat)
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1330-20-7 xylene (mix)

Oral	LD50	8,700 mg/kg (rat)
Dermal	LD50	2,000 mg/kg (rbt)
Inhalative	LC50/4 h	6,350 mg/l (rat)



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BLUE FLUORESCENT, WATER BASED

11.1 TOXICOLOGICAL INFORMATION (CONT'D)

- Information on toxicological effects:** No data available
- Skin effects:** Irritant to skin and mucous membranes
- Eye effects:** No irritating effect.
- Sensitization:** No sensitizing effects known

SECTION 12: ECOLOGICAL INFORMATION

12.1 ECOLOGICAL INFORMATION

- Aquatic toxicity:** Hazardous for water, do not empty into drains
- Persistence and degradability:** The product is degradable after prolonged exposure to natural weathering processes
- Bioaccumulative potential:** No further relevant information available
- Mobility in soil:** No further relevant information available
- Other adverse effects:** No further relevant information available

SECTION 13: DISPOSAL INFORMATION

13.1 DISPOSAL INFORMATION

Dispose of in accordance with local, state, and federal regulations. Do not puncture, incinerate, or compact. Partially empty cans must be disposed of responsibly. Do not heat or cut empty containers with electric or gas torches.

- Recommendation:** Completely empty cans should be recycled

SECTION 14: TRANSPORT INFORMATION

14.1 TRANSPORT INFORMATION

UN-Number	UN1950
DOT	N/A
DOT	Consumer Commodity ORM-D Aerosols, flammable
ADR	1950 Aerosols
TLV (USA)	Short-term value: 2370 mg/m ³ , 1000 ppm (EX)



AF2000 INVERTED MARKING PAINTS

BLUE FLUORESCENT, WATER BASED

14.1 TRANSPORT INFORMATION (CONT'D)

Transport hazard class(es):

Class	2.1
Marine pollutant	No
Special precautions for user	Warning: Gases
EMS Number	F-D,S-U
Stowage Code	SW1 Protected from sources of heat. SW22 For AEROSOLS with a maximum capacity of 1 litre: Category A. For AEROSOLS with a capacity above 1 litre: Category B. For WASTE AEROSOLS: Category C, Clear of living quarters.
Segregation Code	SG69 For AEROSOLS with a maximum capacity of 1 litre: Segregation as for class 9. Stow "separated from" class 1 except for division 1.4. For AEROSOLS with a capacity above 1 litre: Segregation as for the appropriate subdivision of class 2. For WASTE AEROSOLS: Segregation as for the appropriate subdivision of class 2.
Quantity limitations	On passenger aircraft/rail: 75 kg On cargo aircraft only: 150 kg
ADR Excepted quantities (EQ)	Code: E0 Not permitted as Excepted Quantity
IMDG	-
Limited quantities (LQ)	1L
Excepted quantities (EQ)	Code: E0 Not permitted as Excepted Quantity
Packaging Group	-
UN "Model Regulation":	UN1950, Aerosols, 2.1

SECTION 15: REGULATORY INFORMATION

15.1 REGULATORY INFORMATION

SARA SECTION 355 (EXTREMELY HAZARDOUS SUBSTANCES):

None of the ingredients in this product are listed.

CSARA SECTION 313 (SPECIFIC TOXIC CHEMICAL LISTINGS):

1330-20-7 xylene (mix)

Toxic Substances Control Act (TSCA)	All hazardous ingredients for this product are found on the inventory list of substances.
Consumer Product Safety Commission (CPSC)	This product complies with 16 CFR 1303 and does not contain more than 90 ppm of lead.

CALIFORNIA PROPOSITION 65 CHEMICALS KNOWN TO CAUSE CANCER:

100-41-4	ethyl benzene
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AF2000 INVERTED MARKING PAINTS
BLUE FLUORESCENT, WATER BASED


15.1 REGULATORY INFORMATION (CONT'D)

CALIFORNIA PROPOSITION 65 CHEMICALS KNOWN TO CAUSE BIRTH DEFECTS OR REPRODUCTIVE HARM:

None of the ingredients in this product are listed.

CANADIAN ENVIRONMENTAL PROTECTION ACT:

All hazardous ingredients for this product appear on the Canadian Domestic Substance List.

CWHMIS Symbols for Canada	<p>A - Compressed gas D2B - Toxic material causing other toxic effects</p> 
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EPA:

1330-20-7	xylene (mix)
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1.1 PRODUCT IDENTIFIER

Trade Name: Green Fluorescent
Product Code: AFGR17
Supplier: Allfasteners USA, LLC.

Revision Date: 10/11/17
Supersedes: NEW

1.2 SUPPLIERS DETAILS

Company Name: Allfasteners USA LLC
480 Meadow Lane
Carlstadt, NJ 07072
United States

Telephone: 201.783.8836

Fax: 201.783.8840

Email: salesny@allfasteners.com

1.3 EMERGENCY PHONE NUMBER

Emergency Telephone: 1.800.577.3171

SECTION 2: HAZARDOUS IDENTIFICATION

2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

Flam. Aerosol 1 H222 Extremely flammable aerosol.
Press. Gas H280 Contains gas under pressure; may explode if heated.
STOT SE 3 H335 May cause respiratory irritation.
STOT RE 2 H373 May cause damage to organs through prolonged or repeated exposure.

GHS Hazard Pictograms:



GHS02



GHS04



GHS07



GHS08

2.2 GHS HAZARD STATEMENTS

Signal Word: Danger.

Hazard Statements: Extremely flammable aerosol.
Contains gas under pressure; may explode if heated.
May cause respiratory irritation.
May cause damage to organs through prolonged or repeated exposure.



AF2000 INVERTED MARKING PAINTS

GREEN FLUORESCENT, WATER BASED

2.2 GHS HAZARD STATEMENTS (CONT'D)

Precautionary Statements: Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
Do not spray on an open flame or other ignition source.
Pressurized container: Do not pierce or burn, even after use.
Use only outdoors or in a well-ventilated area.
IF INHALED: Remove person to fresh air and keep comfortable for breathing.
Call a poison center/doctor if you feel unwell.
Store in a well-ventilated place.
Store locked up.
Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
Dispose of contents/container in accordance with local/regional/national/international regulations

SECTION 3: COMPOSITION/INFORMATION OF INGREDIENTS

3.1 HAZARDOUS SUBSTANCES

Chemical Characterizations: Mixtures
Chemical Description: This product is a mixture of the substance listed below with nonhazardous additions.

DANGEROUS COMPONENTS:

64742-89-8	VM&P Naphtha	15.64%
74-98-6	Propane	13.87%
1317-65-3	Calcium Carbonate	11.09%
106-97-8	n-butane	8.15%
1330-20-7	xylene (mix)	4.87%
64742-47-8	Mineral Spirits	3.41%

SECTION 4: FIRST AID MEASURES

4.1 DESCRIPTION OF FIRST AID MEASURES

Inhalation: Supply fresh air; consult doctor in case of complaints.
Skin Contact: Remove contaminated clothing. Wash exposed area with soap and water.
Eye contact: Rinse opened eye for several minutes under running water. Then consult a doctor.
Swallowing: Rinse out mouth and then drink plenty of water.

Most important symptoms and effects: Dizziness

Indication of any immediate medical attention needed: No further relevant information available.



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GREEN FLUORESCENT, WATER BASED

SECTION 5: FIRE-FIGHTING MEASURES

5.1 EXTINGUISHING MEDIA

Extinguishing Agents: CO₂, extinguishing powder or water spray. Fight larger fires with water spray.

Special hazards: Can form explosive gas-air mixtures.

Protective equipment for firefighters: A respiratory protective device may be necessary.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED

Personal precautions, protective equipment and emergency procedures: Wear protective equipment. Keep unprotected persons away.
Use respiratory protective device against the effects of fumes/dust/aerosol.

Methods and material for containment and cleaning up: Ensure adequate ventilation.

SECTION 7: HANDLING AND STORAGE

7.1 HANDLING

Precautions for safe handling: Use only in well ventilated areas.

7.2 STORAGE

Storage requirements: Keep away from sources of heat and direct sunlight. Do not warehouse in subfreezing conditions. Store locked up.

SECTION 8: EXPOSURE CONTROL/PERSONAL

8.1 CONTROL PARAMETERS

COMPONENTS WITH LIMIT VALUES THAT REQUIRE MONITORING AT THE WORKPLACE:

74-98-6 propane

PEL (USA)	Long-term value: 1800 mg/m ³ , 1000 ppm
REL (USA)	Long-term value: 1800 mg/m ³ , 1000 ppm
TLV (USA)	refer to Appendix F in TLVs&BEIs book; D, EX



AF2000 INVERTED MARKING PAINTS

GREEN FLUORESCENT, WATER BASED

8.1 CONTROL PARAMETERS (CONT'D)

COMPONENTS WITH LIMIT VALUES THAT REQUIRE MONITORING AT THE WORKPLACE:

106-97-8 n-butane

REL (USA)	Long-term value: 1900 mg/m ³ , 800 ppm
TLV (USA)	Short-term value: 2370 mg/m ³ , 1000 ppm (EX)

1330-20-7 xylene (mix)

PEL (USA)	Long-term value: 435 mg/m ³ , 100 ppm
REL (USA)	Short-term value: 655 mg/m ³ , 150 ppm Long-term value: 435 mg/m ³ , 100 ppm
TLV (USA)	Short-term value: 651 mg/m ³ , 150 ppm Long-term value: 434 mg/m ³ , 100 ppm BEI

INGREDIENTS WITH BIOLOGICAL LIMIT VALUES:

1330-20-7 xylene (mix)

BEI (USA)	1.5 g/g creatinine Medium: urine Time: end of shift Parameter: Methylhippuric acids
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8.2 PERSONAL PROTECTION

Hygienic protection: Keep away from foodstuffs and animal feed. Wash hands after use. Immediately remove all soiled and contaminated clothing. Wash hands after use. Avoid contact with the skin. Avoid contact with the eyes and skin. Do not eat or drink while working.

Breathing equipment: A respirator is generally not necessary when using this product outdoors or in large open areas. In cases where short and/or long term overexposure exists, a charcoal filter respirator should be worn. If you suspect overexposure conditions exist, please consult an authority on chemical hygiene.

Hand protection: Nitrile gloves.
The glove material must be impermeable and resistant to the substance.

Eye protection: Tightly sealed goggles



AF2000 INVERTED MARKING PAINTS

GREEN FLUORESCENT, WATER BASED

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Aerosol	Vapor pressure:	Not determined
Odor:	Aromatic	Relative Density:	Between 0.77 and 0.85 (Water equals 1.00)
Odor threshold:	Not determined	Vapor density:	Not determined
pH-value:	Not determined	Evaporation rate:	Not applicable
Melting point/Melting range:	Undetermined	Partition coefficient, n-octonal/water:	Not determined
Boiling point:	-44°C (-47.2 °F)	Solubility:	Not determined
Flash point:	-19°C (-2.2 °F)	Viscosity:	Not determined
Flammability (solid, gas):	Extremely flammable	VOC content:	545.9 g/l / 4.56 lb/gl
Decomposition temperature:	Not determined	Water:	31.8%
Auto igniting:	Product is not self-igniting	Solids content:	20.0%
Danger of explosion:	Extremely flammable		
Lower Explosion Limit:	1.7Vol %		
Upper Explosion Limit:	10.9Vol %		

SECTION 10: STABILITY AND REACTIVITY

10.1 STABILITY AND REACTIVITY

Reactivity:	Stable at normal temperatures
Conditions to avoid:	Do not allow can to exceed 120 degrees Fahrenheit. Do not warehouse in subfreezing temperatures
Chemical stability:	Not fully evaluated
Possibility of hazardous reactions:	No dangerous reactions known
Incompatible materials:	No further relevant information available
Hazardous decomposition:	No dangerous decomposition products known

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 TOXICOLOGICAL INFORMATION

LD/LC50 VALUES THAT ARE RELEVANT FOR CLASSIFICATION:

106-97-8 n-butane

Inhalative	LC50/4 h	658 mg/l (rat)
1330-20-7 xylene (mix)		
Oral	LD50	8,700 mg/kg (rat)
Dermal	LD50	2,000 mg/kg (rbt)
Inhalative	LC50/4 h	6,350 mg/l (rat)



AF2000 INVERTED MARKING PAINTS

GREEN FLUORESCENT, WATER BASED

11.1 TOXICOLOGICAL INFORMATION (CONT'D)

- Information on toxicological effects:** No data available
- Skin effects:** Irritant to skin and mucous membranes
- Eye effects:** No irritating effect.
- Sensitization:** No sensitizing effects known

SECTION 12: ECOLOGICAL INFORMATION

12.1 ECOLOGICAL INFORMATION

- Aquatic toxicity:** Hazardous for water, do not empty into drains
- Persistence and degradability:** The product is degradable after prolonged exposure to natural weathering processes
- Bioaccumulative potential:** No further relevant information available
- Mobility in soil:** No further relevant information available
- Other adverse effects:** No further relevant information available

SECTION 13: DISPOSAL INFORMATION

13.1 DISPOSAL INFORMATION

Dispose of in accordance with local, state, and federal regulations. Do not puncture, incinerate, or compact. Partially empty cans must be disposed of responsibly. Do not heat or cut empty containers with electric or gas torches.

- Recommendation:** Completely empty cans should be recycled

SECTION 14: TRANSPORT INFORMATION

14.1 TRANSPORT INFORMATION

UN-Number	UN1950
DOT	N/A
DOT	Consumer Commodity ORM-D Aerosols, flammable
ADR	1950 Aerosols



AF2000 INVERTED MARKING PAINTS

GREEN FLUORESCENT, WATER BASED

14.1 TRANSPORT INFORMATION (CONT'D)

Transport hazard class(es):

Class	2.1
Marine pollutant	No
Special precautions for user	Warning: Gases
EMS Number	F-D,S-U
Stowage Code	SW1 Protected from sources of heat. SW22 For AEROSOLS with a maximum capacity of 1 litre: Category A. For AEROSOLS with a capacity above 1 litre: Category B. For WASTE AEROSOLS: Category C, Clear of living quarters.
Segregation Code	SG69 For AEROSOLS with a maximum capacity of 1 litre: Segregation as for class 9. Stow "separated from" class 1 except for division 1.4. For AEROSOLS with a capacity above 1 litre: Segregation as for the appropriate subdivision of class 2. For WASTE AEROSOLS: Segregation as for the appropriate subdivision of class 2.
Quantity limitations	On passenger aircraft/rail: 75 kg On cargo aircraft only: 150 kg
ADR Excepted quantities (EQ)	Code: E0 Not permitted as Excepted Quantity
IMDG	-
Limited quantities (LQ)	1L
Excepted quantities (EQ)	Code: E0 Not permitted as Excepted Quantity
Packaging Group	-
UN "Model Regulation":	UN1950, Aerosols, 2.1

SECTION 15: REGULATORY INFORMATION

15.1 REGULATORY INFORMATION

SARA SECTION 355 (EXTREMELY HAZARDOUS SUBSTANCES):

None of the ingredients in this product are listed.

CSARA SECTION 313 (SPECIFIC TOXIC CHEMICAL LISTINGS):

1330-20-7 xylene (mix)

Toxic Substances Control Act (TSCA)	All hazardous ingredients for this product are found on the inventory list of substances.
Consumer Product Safety Commission (CPSC)	This product complies with 16 CFR 1303 and does not contain more than 90 ppm of lead.

CALIFORNIA PROPOSITION 65 CHEMICALS KNOWN TO CAUSE CANCER:

100-41-4	ethyl benzene
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AF2000 INVERTED MARKING PAINTS
GREEN FLUORESCENT, WATER BASED


15.1 REGULATORY INFORMATION (CONT'D)

CALIFORNIA PROPOSITION 65 CHEMICALS KNOWN TO CAUSE BIRTH DEFECTS OR REPRODUCTIVE HARM:

None of the ingredients in this product are listed.

CANADIAN ENVIRONMENTAL PROTECTION ACT:

All hazardous ingredients for this product appear on the Canadian Domestic Substance List.

CWHMIS Symbols for Canada	<p>A - Compressed gas D2B - Toxic material causing other toxic effects</p> 
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EPA:

1330-20-7

xylene (mix)



AF2000 INVERTED MARKING PAINTS

ORANGE FLUORESCENT, WATER BASED

SECTION 1: IDENTIFICATION

1.1 PRODUCT IDENTIFIER

Trade Name: Orange Fluorescent
Product Code: AFOR17
Supplier: Allfasteners USA, LLC.

Revision Date: 10/11/17
Supercedes: NEW

1.2 SUPPLIERS DETAILS

Company Name: Allfasteners USA LLC
480 Meadow Lane
Carlstadt, NJ 07072
United States

Telephone: 201.783.8836

Fax: 201.783.8840

Email: salesny@allfasteners.com

1.3 EMERGENCY PHONE NUMBER

Emergency Telephone: 1.800.577.3171

SECTION 2: HAZARDOUS IDENTIFICATION

2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

Flam. Aerosol 1 H222 Extremely flammable aerosol.
Press. Gas H280 Contains gas under pressure; may explode if heated.
STOT SE 3 H335 May cause respiratory irritation.
STOT RE 2 H373 May cause damage to organs through prolonged or repeated exposure.

GHS Hazard Pictograms:



GHS02



GHS04



GHS07



GHS08

2.2 GHS HAZARD STATEMENTS

Signal Word: Danger.

Hazard Statements: Extremely flammable aerosol.
Contains gas under pressure; may explode if heated.
May cause respiratory irritation.
May cause damage to organs through prolonged or repeated exposure.



AF2000 INVERTED MARKING PAINTS

ORANGE FLUORESCENT, WATER BASED

2.2 GHS HAZARD STATEMENTS (CONT'D)

Precautionary Statements: Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
Do not spray on an open flame or other ignition source.
Pressurized container: Do not pierce or burn, even after use.
Use only outdoors or in a well-ventilated area.
IF INHALED: Remove person to fresh air and keep comfortable for breathing.
Call a poison center/doctor if you feel unwell.
Store in a well-ventilated place.
Store locked up.
Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
Dispose of contents/container in accordance with local/regional/national/international regulations

SECTION 3: COMPOSITION/INFORMATION OF INGREDIENTS

3.1 HAZARDOUS SUBSTANCES

Chemical Characterizations: Mixtures
Chemical Description: This product is a mixture of the substance listed below with nonhazardous additions.

DANGEROUS COMPONENTS:

64742-89-8	VM&P Naphtha	15.55%
74-98-6	Propane	13.87%
1317-65-3	Calcium Carbonate	10.49%
106-97-8	n-butane	8.15%
1330-20-7	xylene (mix)	4.82%
64742-47-8	Mineral Spirits	3.39%

SECTION 4: FIRST AID MEASURES

4.1 DESCRIPTION OF FIRST AID MEASURES

Inhalation: Supply fresh air; consult doctor in case of complaints.
Skin Contact: Remove contaminated clothing. Wash exposed area with soap and water.
Eye contact: Rinse opened eye for several minutes under running water. Then consult a doctor.
Swallowing: Rinse out mouth and then drink plenty of water.

Most important symptoms and effects: Dizziness

Indication of any immediate medical attention needed: No further relevant information available.



AF2000 INVERTED MARKING PAINTS

ORANGE FLUORESCENT, WATER BASED

SECTION 5: FIRE-FIGHTING MEASURES

5.1 EXTINGUISHING MEDIA

Extinguishing Agents: CO₂, extinguishing powder or water spray. Fight larger fires with water spray.

Special hazards: Can form explosive gas-air mixtures.

Protective equipment for firefighters: A respiratory protective device may be necessary.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED

Personal precautions, protective equipment and emergency procedures: Wear protective equipment. Keep unprotected persons away.
Use respiratory protective device against the effects of fumes/dust/aerosol.

Methods and material for containment and cleaning up: Ensure adequate ventilation.

SECTION 7: HANDLING AND STORAGE

7.1 HANDLING

Precautions for safe handling: Use only in well ventilated areas.

7.2 STORAGE

Storage requirements: Keep away from sources of heat and direct sunlight. Do not warehouse in subfreezing conditions. Store locked up.

SECTION 8: EXPOSURE CONTROL/PERSONAL

8.1 CONTROL PARAMETERS

COMPONENTS WITH LIMIT VALUES THAT REQUIRE MONITORING AT THE WORKPLACE:

74-98-6 propane

PEL (USA)	Long-term value: 1800 mg/m ³ , 1000 ppm
REL (USA)	Long-term value: 1800 mg/m ³ , 1000 ppm
TLV (USA)	refer to Appendix F in TLVs&BEIs book; D, EX



AF2000 INVERTED MARKING PAINTS

ORANGE FLUORESCENT, WATER BASED

8.1 CONTROL PARAMETERS (CONT'D)

COMPONENTS WITH LIMIT VALUES THAT REQUIRE MONITORING AT THE WORKPLACE:

106-97-8 n-butane

REL (USA)	Long-term value: 1900 mg/m ³ , 800 ppm
TLV (USA)	Short-term value: 2370 mg/m ³ , 1000 ppm (EX)

1330-20-7 xylene (mix)

PEL (USA)	Long-term value: 435 mg/m ³ , 100 ppm
REL (USA)	Short-term value: 655 mg/m ³ , 150 ppm Long-term value: 435 mg/m ³ , 100 ppm
TLV (USA)	Short-term value: 651 mg/m ³ , 150 ppm Long-term value: 434 mg/m ³ , 100 ppm BEI

INGREDIENTS WITH BIOLOGICAL LIMIT VALUES:

1330-20-7 xylene (mix)

BEI (USA)	1.5 g/g creatinine Medium: urine Time: end of shift Parameter: Methylhippuric acids
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8.2 PERSONAL PROTECTION

Hygienic protection: Keep away from foodstuffs and animal feed. Wash hands after use. Immediately remove all soiled and contaminated clothing. Wash hands after use. Avoid contact with the skin. Avoid contact with the eyes and skin. Do not eat or drink while working.

Breathing equipment: A respirator is generally not necessary when using this product outdoors or in large open areas. In cases where short and/or long term overexposure exists, a charcoal filter respirator should be worn. If you suspect overexposure conditions exist, please consult an authority on chemical hygiene.

Hand protection: Nitrile gloves.
The glove material must be impermeable and resistant to the substance.

Eye protection: Tightly sealed goggles



AF2000 INVERTED MARKING PAINTS

ORANGE FLUORESCENT, WATER BASED

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Aerosol	Vapor pressure:	Not determined
Odor:	Aromatic	Relative Density:	Between 0.77 and 0.85 (Water equals 1.00)
Odor threshold:	Not determined	Vapor density:	Not determined
pH-value:	Not determined	Evaporation rate:	Not applicable
Melting point/Melting range:	Undetermined	Partition coefficient, n-octonal/water:	Not determined
Boiling point:	-44°C (-47.2 °F)	Solubility:	Not determined
Flash point:	-19°C (-2.2 °F)	Viscosity:	Not determined
Flammability (solid, gas):	Extremely flammable	VOC content:	541.1 g/l / 4.52 lb/gl
Decomposition temperature:	Not determined	Water:	31.6%
Auto igniting:	Product is not self-igniting	Solids content:	20.4%
Danger of explosion:	Extremely flammable		
Lower Explosion Limit:	1.7Vol %		
Upper Explosion Limit:	10.9Vol %		

SECTION 10: STABILITY AND REACTIVITY

10.1 STABILITY AND REACTIVITY

Reactivity:	Stable at normal temperatures
Conditions to avoid:	Do not allow can to exceed 120 degrees Fahrenheit. Do not warehouse in subfreezing temperatures
Chemical stability:	Not fully evaluated
Possibility of hazardous reactions:	No dangerous reactions known
Incompatible materials:	No further relevant information available
Hazardous decomposition:	No dangerous decomposition products known

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 TOXICOLOGICAL INFORMATION

LD/LC50 VALUES THAT ARE RELEVANT FOR CLASSIFICATION:

106-97-8 n-butane

Inhalative	LC50/4 h	658 mg/l (rat)
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1330-20-7 xylene (mix)

Oral	LD50	8,700 mg/kg (rat)
Dermal	LD50	2,000 mg/kg (rbt)
Inhalative	LC50/4 h	6,350 mg/l (rat)



AF2000 INVERTED MARKING PAINTS

ORANGE FLUORESCENT, WATER BASED

11.1 TOXICOLOGICAL INFORMATION (CONT'D)

- Information on toxicological effects:** No data available
- Skin effects:** Irritant to skin and mucous membranes
- Eye effects:** No irritating effect.
- Sensitization:** No sensitizing effects known

SECTION 12: ECOLOGICAL INFORMATION

12.1 ECOLOGICAL INFORMATION

- Aquatic toxicity:** Hazardous for water, do not empty into drains
- Persistence and degradability:** The product is degradable after prolonged exposure to natural weathering processes
- Bioaccumulative potential:** No further relevant information available
- Mobility in soil:** No further relevant information available
- Other adverse effects:** No further relevant information available

SECTION 13: DISPOSAL INFORMATION

13.1 DISPOSAL INFORMATION

Dispose of in accordance with local, state, and federal regulations. Do not puncture, incinerate, or compact. Partially empty cans must be disposed of responsibly. Do not heat or cut empty containers with electric or gas torches.

- Recommendation:** Completely empty cans should be recycled

SECTION 14: TRANSPORT INFORMATION

14.1 TRANSPORT INFORMATION

UN-Number	UN1950
DOT	N/A
DOT	Consumer Commodity ORM-D Aerosols, flammable
ADR	1950 Aerosols



AF2000 INVERTED MARKING PAINTS

ORANGE FLUORESCENT, WATER BASED

14.1 TRANSPORT INFORMATION (CONT'D)

Transport hazard class(es):

Class	2.1
Marine pollutant	No
Special precautions for user	Warning: Gases
EMS Number	F-D,S-U
Stowage Code	SW1 Protected from sources of heat. SW22 For AEROSOLS with a maximum capacity of 1 litre: Category A. For AEROSOLS with a capacity above 1 litre: Category B. For WASTE AEROSOLS: Category C, Clear of living quarters.
Segregation Code	SG69 For AEROSOLS with a maximum capacity of 1 litre: Segregation as for class 9. Stow "separated from" class 1 except for division 1.4. For AEROSOLS with a capacity above 1 litre: Segregation as for the appropriate subdivision of class 2. For WASTE AEROSOLS: Segregation as for the appropriate subdivision of class 2.
Quantity limitations	On passenger aircraft/rail: 75 kg On cargo aircraft only: 150 kg
ADR Excepted quantities (EQ)	Code: E0 Not permitted as Excepted Quantity
IMDG	-
Limited quantities (LQ)	1L
Excepted quantities (EQ)	Code: E0 Not permitted as Excepted Quantity
Packaging Group	-
UN "Model Regulation":	UN1950, Aerosols, 2.1

SECTION 15: REGULATORY INFORMATION

15.1 REGULATORY INFORMATION

SARA SECTION 355 (EXTREMELY HAZARDOUS SUBSTANCES):

None of the ingredients in this product are listed.

CSARA SECTION 313 (SPECIFIC TOXIC CHEMICAL LISTINGS):

1330-20-7 xylene (mix)

Toxic Substances Control Act (TSCA)	All hazardous ingredients for this product are found on the inventory list of substances.
Consumer Product Safety Commission (CPSC)	This product complies with 16 CFR 1303 and does not contain more than 90 ppm of lead.

CALIFORNIA PROPOSITION 65 CHEMICALS KNOWN TO CAUSE CANCER:

100-41-4	ethyl benzene
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AF2000 INVERTED MARKING PAINTS
ORANGE FLUORESCENT, WATER BASED


15.1 REGULATORY INFORMATION (CONT'D)

CALIFORNIA PROPOSITION 65 CHEMICALS KNOWN TO CAUSE BIRTH DEFECTS OR REPRODUCTIVE HARM:

None of the ingredients in this product are listed.

CANADIAN ENVIRONMENTAL PROTECTION ACT:

All hazardous ingredients for this product appear on the Canadian Domestic Substance List.

CWHMIS Symbols for Canada	<p>A - Compressed gas D2B - Toxic material causing other toxic effects</p> 
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EPA:

1330-20-7	xylene (mix)
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AF2000 INVERTED MARKING PAINTS

PINK FLUORESCENT, WATER BASED

SECTION 1: IDENTIFICATION

1.1 PRODUCT IDENTIFIER

Trade Name: Pink Fluorescent
Product Code: AFPI17
Supplier: Allfasteners USA, LLC.

Revision Date: 10/11/17
Supersedes: NEW

1.2 SUPPLIERS DETAILS

Company Name: Allfasteners USA LLC
480 Meadow Lane
Carlstadt, NJ 07072
United States

Telephone: 201.783.8836

Fax: 201.783.8840

Email: salesny@allfasteners.com

1.3 EMERGENCY PHONE NUMBER

Emergency Telephone: 1.800.577.3171

SECTION 2: HAZARDOUS IDENTIFICATION

2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

Flam. Aerosol 1 H222 Extremely flammable aerosol.
Press. Gas H280 Contains gas under pressure; may explode if heated.
STOT SE 3 H335 May cause respiratory irritation.
STOT RE 2 H373 May cause damage to organs through prolonged or repeated exposure.

GHS Hazard Pictograms:



GHS02



GHS04



GHS07



GHS08

2.2 GHS HAZARD STATEMENTS

Signal Word: Danger.

Hazard Statements: Extremely flammable aerosol.
Contains gas under pressure; may explode if heated.
May cause respiratory irritation.
May cause damage to organs through prolonged or repeated exposure.



AF2000 INVERTED MARKING PAINTS

PINK FLUORESCENT, WATER BASED

2.2 GHS HAZARD STATEMENTS (CONT'D)

Precautionary Statements: Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
Do not spray on an open flame or other ignition source.
Pressurized container: Do not pierce or burn, even after use.
Use only outdoors or in a well-ventilated area.
IF INHALED: Remove person to fresh air and keep comfortable for breathing.
Call a poison center/doctor if you feel unwell.
Store in a well-ventilated place.
Store locked up.
Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
Dispose of contents/container in accordance with local/regional/national/international regulations

SECTION 3: COMPOSITION/INFORMATION OF INGREDIENTS

3.1 HAZARDOUS SUBSTANCES

Chemical Characterizations: Mixtures
Chemical Description: This product is a mixture of the substance listed below with nonhazardous additions.

DANGEROUS COMPONENTS:

64742-89-8	VM&P Naphtha	15.53%
74-98-6	Propane	13.87%
1317-65-3	Calcium Carbonate	10.99%
106-97-8	n-butane	8.15%
1330-20-7	xylene (mix)	4.83%
64742-47-8	Mineral Spirits	3.45%

SECTION 4: FIRST AID MEASURES

4.1 DESCRIPTION OF FIRST AID MEASURES

Inhalation: Supply fresh air; consult doctor in case of complaints.
Skin Contact: Remove contaminated clothing. Wash exposed area with soap and water.
Eye contact: Rinse opened eye for several minutes under running water. Then consult a doctor.
Swallowing: Rinse out mouth and then drink plenty of water.

Most important symptoms and effects: Dizziness

Indication of any immediate medical attention needed: No further relevant information available.



AF2000 INVERTED MARKING PAINTS

PINK FLUORESCENT, WATER BASED

SECTION 5: FIRE-FIGHTING MEASURES

5.1 EXTINGUISHING MEDIA

Extinguishing Agents: CO₂, extinguishing powder or water spray. Fight larger fires with water spray.

Special hazards: Can form explosive gas-air mixtures.

Protective equipment for firefighters: A respiratory protective device may be necessary.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED

Personal precautions, protective equipment and emergency procedures: Wear protective equipment. Keep unprotected persons away.
Use respiratory protective device against the effects of fumes/dust/aerosol.

Methods and material for containment and cleaning up: Ensure adequate ventilation.

SECTION 7: HANDLING AND STORAGE

7.1 HANDLING

Precautions for safe handling: Use only in well ventilated areas.

7.2 STORAGE

Storage requirements: Keep away from sources of heat and direct sunlight. Do not warehouse in subfreezing conditions. Store locked up.

SECTION 8: EXPOSURE CONTROL/PERSONAL

8.1 CONTROL PARAMETERS

COMPONENTS WITH LIMIT VALUES THAT REQUIRE MONITORING AT THE WORKPLACE:

74-98-6 propane

PEL (USA)	Long-term value: 1800 mg/m ³ , 1000 ppm
REL (USA)	Long-term value: 1800 mg/m ³ , 1000 ppm
TLV (USA)	refer to Appendix F in TLVs&BEIs book; D, EX



AF2000 INVERTED MARKING PAINTS

PINK FLUORESCENT, WATER BASED

8.1 CONTROL PARAMETERS (CONT'D)

COMPONENTS WITH LIMIT VALUES THAT REQUIRE MONITORING AT THE WORKPLACE:

106-97-8 n-butane

REL (USA)	Long-term value: 1900 mg/m ³ , 800 ppm
TLV (USA)	Short-term value: 2370 mg/m ³ , 1000 ppm (EX)

1330-20-7 xylene (mix)

PEL (USA)	Long-term value: 435 mg/m ³ , 100 ppm
REL (USA)	Short-term value: 655 mg/m ³ , 150 ppm Long-term value: 435 mg/m ³ , 100 ppm
TLV (USA)	Short-term value: 651 mg/m ³ , 150 ppm Long-term value: 434 mg/m ³ , 100 ppm BEI

INGREDIENTS WITH BIOLOGICAL LIMIT VALUES:

1330-20-7 xylene (mix)

BEI (USA)	1.5 g/g creatinine Medium: urine Time: end of shift Parameter: Methylhippuric acids
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8.2 PERSONAL PROTECTION

Hygienic protection: Keep away from foodstuffs and animal feed. Wash hands after use. Immediately remove all soiled and contaminated clothing. Wash hands after use. Avoid contact with the skin. Avoid contact with the eyes and skin. Do not eat or drink while working.

Breathing equipment: A respirator is generally not necessary when using this product outdoors or in large open areas. In cases where short and/or long term overexposure exists, a charcoal filter respirator should be worn. If you suspect overexposure conditions exist, please consult an authority on chemical hygiene.

Hand protection: Nitrile gloves.
The glove material must be impermeable and resistant to the substance.

Eye protection: Tightly sealed goggles



AF2000 INVERTED MARKING PAINTS

PINK FLUORESCENT, WATER BASED

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Aerosol	Vapor pressure:	Not determined
Odor:	Aromatic	Relative Density:	Between 0.77 and 0.85 (Water equals 1.00)
Odor threshold:	Not determined	Vapor density:	Not determined
pH-value:	Not determined	Evaporation rate:	Not applicable
Melting point/Melting range:	Undetermined	Partition coefficient, n-octonal/water:	Not determined
Boiling point:	-44°C (-47.2 °F)	Solubility:	Not determined
Flash point:	-19°C (-2.2 °F)	Viscosity:	Not determined
Flammability (solid, gas):	Extremely flammable	VOC content:	542.7 g/l / 4.53 lb/gl
Decomposition temperature:	Not determined	Water:	31.5%
Auto igniting:	Product is not self-igniting	Solids content:	20.4%
Danger of explosion:	Extremely flammable		
Lower Explosion Limit:	1.7Vol %		
Upper Explosion Limit:	10.9Vol %		

SECTION 10: STABILITY AND REACTIVITY

10.1 STABILITY AND REACTIVITY

Reactivity:	Stable at normal temperatures
Conditions to avoid:	Do not allow can to exceed 120 degrees Fahrenheit. Do not warehouse in subfreezing temperatures
Chemical stability:	Not fully evaluated
Possibility of hazardous reactions:	No dangerous reactions known
Incompatible materials:	No further relevant information available
Hazardous decomposition:	No dangerous decomposition products known

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 TOXICOLOGICAL INFORMATION

LD/LC50 VALUES THAT ARE RELEVANT FOR CLASSIFICATION:

106-97-8 n-butane

Inhalative	LC50/4 h	658 mg/l (rat)
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1330-20-7 xylene (mix)

Oral	LD50	8,700 mg/kg (rat)
Dermal	LD50	2,000 mg/kg (rbt)
Inhalative	LC50/4 h	6,350 mg/l (rat)



AF2000 INVERTED MARKING PAINTS

PINK FLUORESCENT, WATER BASED

11.1 TOXICOLOGICAL INFORMATION (CONT'D)

- Information on toxicological effects:** No data available
- Skin effects:** Irritant to skin and mucous membranes
- Eye effects:** No irritating effect.
- Sensitization:** No sensitizing effects known

SECTION 12: ECOLOGICAL INFORMATION

12.1 ECOLOGICAL INFORMATION

- Aquatic toxicity:** Hazardous for water, do not empty into drains
- Persistence and degradability:** The product is degradable after prolonged exposure to natural weathering processes
- Bioaccumulative potential:** No further relevant information available
- Mobility in soil:** No further relevant information available
- Other adverse effects:** No further relevant information available

SECTION 13: DISPOSAL INFORMATION

13.1 DISPOSAL INFORMATION

Dispose of in accordance with local, state, and federal regulations. Do not puncture, incinerate, or compact. Partially empty cans must be disposed of responsibly. Do not heat or cut empty containers with electric or gas torches.

- Recommendation:** Completely empty cans should be recycled

SECTION 14: TRANSPORT INFORMATION

14.1 TRANSPORT INFORMATION

UN-Number	UN1950
DOT	N/A
DOT	Consumer Commodity ORM-D Aerosols, flammable
ADR	1950 Aerosols



AF2000 INVERTED MARKING PAINTS

PINK FLUORESCENT, WATER BASED

14.1 TRANSPORT INFORMATION (CONT'D)

Transport hazard class(es):	
Class	2.1
Marine pollutant	No
Special precautions for user	Warning: Gases
EMS Number	F-D,S-U
Stowage Code	SW1 Protected from sources of heat. SW22 For AEROSOLS with a maximum capacity of 1 litre: Category A. For AEROSOLS with a capacity above 1 litre: Category B. For WASTE AEROSOLS: Category C, Clear of living quarters.
Segregation Code	SG69 For AEROSOLS with a maximum capacity of 1 litre: Segregation as for class 9. Stow "separated from" class 1 except for division 1.4. For AEROSOLS with a capacity above 1 litre: Segregation as for the appropriate subdivision of class 2. For WASTE AEROSOLS: Segregation as for the appropriate subdivision of class 2.
Quantity limitations	On passenger aircraft/rail: 75 kg On cargo aircraft only: 150 kg
ADR Excepted quantities (EQ)	Code: E0 Not permitted as Excepted Quantity
IMDG	-
Limited quantities (LQ)	1L
Excepted quantities (EQ)	Code: E0 Not permitted as Excepted Quantity
Packaging Group	-
UN "Model Regulation":	UN1950, Aerosols, 2.1

SECTION 15: REGULATORY INFORMATION

15.1 REGULATORY INFORMATION

SARA SECTION 355 (EXTREMELY HAZARDOUS SUBSTANCES):

None of the ingredients in this product are listed.

CSARA SECTION 313 (SPECIFIC TOXIC CHEMICAL LISTINGS):

1330-20-7 xylene (mix)

Toxic Substances Control Act (TSCA)	All hazardous ingredients for this product are found on the inventory list of substances.
Consumer Product Safety Commission (CPSC)	This product complies with 16 CFR 1303 and does not contain more than 90 ppm of lead.

CALIFORNIA PROPOSITION 65 CHEMICALS KNOWN TO CAUSE CANCER:

100-41-4	ethyl benzene
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AF2000 INVERTED MARKING PAINTS

PINK FLUORESCENT, WATER BASED


15.1 REGULATORY INFORMATION (CONT'D)

CALIFORNIA PROPOSITION 65 CHEMICALS KNOWN TO CAUSE BIRTH DEFECTS OR REPRODUCTIVE HARM:

None of the ingredients in this product are listed.

CANADIAN ENVIRONMENTAL PROTECTION ACT:

All hazardous ingredients for this product appear on the Canadian Domestic Substance List.

CWHMIS Symbols for Canada	<p>A - Compressed gas D2B - Toxic material causing other toxic effects</p> 
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EPA:

1330-20-7	xylene (mix)
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AF2000 INVERTED MARKING PAINTS

RED FLUORESCENT, WATER BASED

SECTION 1: IDENTIFICATION

1.1 PRODUCT IDENTIFIER

Trade Name: Red Fluorescent
Product Code: AFRE17
Supplier: Allfasteners USA, LLC.

Revision Date: 10/11/17
Supersedes: NEW

1.2 SUPPLIERS DETAILS

Company Name: Allfasteners USA LLC
480 Meadow Lane
Carlstadt, NJ 07072
United States

Telephone: 201.783.8836

Fax: 201.783.8840

Email: salesny@allfasteners.com

1.3 EMERGENCY PHONE NUMBER

Emergency Telephone: 1.800.577.3171

SECTION 2: HAZARDOUS IDENTIFICATION

2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

Flam. Aerosol 1 H222 Extremely flammable aerosol.
Press. Gas H280 Contains gas under pressure; may explode if heated.
STOT SE 3 H335 May cause respiratory irritation.
STOT RE 2 H373 May cause damage to organs through prolonged or repeated exposure.

GHS Hazard Pictograms:



GHS02



GHS04



GHS07



GHS08

2.2 GHS HAZARD STATEMENTS

Signal Word: Danger.

Hazard Statements: Extremely flammable aerosol.
Contains gas under pressure; may explode if heated.
May cause respiratory irritation.
May cause damage to organs through prolonged or repeated exposure.



AF2000 INVERTED MARKING PAINTS

RED FLUORESCENT, WATER BASED

2.2 GHS HAZARD STATEMENTS (CONT'D)

Precautionary Statements: Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
Do not spray on an open flame or other ignition source.
Pressurized container: Do not pierce or burn, even after use.
Use only outdoors or in a well-ventilated area.
IF INHALED: Remove person to fresh air and keep comfortable for breathing.
Call a poison center/doctor if you feel unwell.
Store in a well-ventilated place.
Store locked up.
Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
Dispose of contents/container in accordance with local/regional/national/international regulations

SECTION 3: COMPOSITION/INFORMATION OF INGREDIENTS

3.1 HAZARDOUS SUBSTANCES

Chemical Characterizations: Mixtures
Chemical Description: This product is a mixture of the substance listed below with nonhazardous additions.

DANGEROUS COMPONENTS:

64742-89-8	VM&P Naphtha	15.35%
74-98-6	Propane	13.87%
1317-65-3	Calcium Carbonate	10.54%
106-97-8	n-butane	8.15%
1330-20-7	xylene (mix)	4.84%
64742-47-8	Mineral Spirits	3.37%

SECTION 4: FIRST AID MEASURES

4.1 DESCRIPTION OF FIRST AID MEASURES

Inhalation: Supply fresh air; consult doctor in case of complaints.
Skin Contact: Remove contaminated clothing. Wash exposed area with soap and water.
Eye contact: Rinse opened eye for several minutes under running water. Then consult a doctor.
Swallowing: Rinse out mouth and then drink plenty of water.

Most important symptoms and effects: Dizziness

Indication of any immediate medical attention needed: No further relevant information available.



AF2000 INVERTED MARKING PAINTS

RED FLUORESCENT, WATER BASED

SECTION 5: FIRE-FIGHTING MEASURES

5.1 EXTINGUISHING MEDIA

Extinguishing Agents: CO₂, extinguishing powder or water spray. Fight larger fires with water spray.

Special hazards: Can form explosive gas-air mixtures.

Protective equipment for firefighters: A respiratory protective device may be necessary.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED

Personal precautions, protective equipment and emergency procedures: Wear protective equipment. Keep unprotected persons away.
Use respiratory protective device against the effects of fumes/dust/aerosol.

Methods and material for containment and cleaning up: Ensure adequate ventilation.

SECTION 7: HANDLING AND STORAGE

7.1 HANDLING

Precautions for safe handling: Use only in well ventilated areas.

7.2 STORAGE

Storage requirements: Keep away from sources of heat and direct sunlight. Do not warehouse in subfreezing conditions. Store locked up.

SECTION 8: EXPOSURE CONTROL/PERSONAL

8.1 CONTROL PARAMETERS

COMPONENTS WITH LIMIT VALUES THAT REQUIRE MONITORING AT THE WORKPLACE:

74-98-6 propane

PEL (USA)	Long-term value: 1800 mg/m ³ , 1000 ppm
REL (USA)	Long-term value: 1800 mg/m ³ , 1000 ppm
TLV (USA)	refer to Appendix F in TLVs&BEIs book; D, EX



AF2000 INVERTED MARKING PAINTS

RED FLUORESCENT, WATER BASED

8.1 CONTROL PARAMETERS (CONT'D)

COMPONENTS WITH LIMIT VALUES THAT REQUIRE MONITORING AT THE WORKPLACE:

106-97-8 n-butane

REL (USA)	Long-term value: 1900 mg/m ³ , 800 ppm
TLV (USA)	Short-term value: 2370 mg/m ³ , 1000 ppm (EX)

1330-20-7 xylene (mix)

PEL (USA)	Long-term value: 435 mg/m ³ , 100 ppm
REL (USA)	Short-term value: 655 mg/m ³ , 150 ppm Long-term value: 435 mg/m ³ , 100 ppm
TLV (USA)	Short-term value: 651 mg/m ³ , 150 ppm Long-term value: 434 mg/m ³ , 100 ppm BEI

INGREDIENTS WITH BIOLOGICAL LIMIT VALUES:

1330-20-7 xylene (mix)

BEI (USA)	1.5 g/g creatinine Medium: urine Time: end of shift Parameter: Methylhippuric acids
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8.2 PERSONAL PROTECTION

Hygienic protection: Keep away from foodstuffs and animal feed. Wash hands after use. Immediately remove all soiled and contaminated clothing. Wash hands after use. Avoid contact with the skin. Avoid contact with the eyes and skin. Do not eat or drink while working.

Breathing equipment: A respirator is generally not necessary when using this product outdoors or in large open areas. In cases where short and/or long term overexposure exists, a charcoal filter respirator should be worn. If you suspect overexposure conditions exist, please consult an authority on chemical hygiene.

Hand protection: Nitrile gloves.
The glove material must be impermeable and resistant to the substance.

Eye protection: Tightly sealed goggles



AF2000 INVERTED MARKING PAINTS

RED FLUORESCENT, WATER BASED

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Aerosol	Vapor pressure:	Not determined
Odor:	Aromatic	Relative Density:	Between 0.77 and 0.85 (Water equals 1.00)
Odor threshold:	Not determined	Vapor density:	Not determined
pH-value:	Not determined	Evaporation rate:	Not applicable
Melting point/Melting range:	Undetermined	Partition coefficient, n-octonal/water:	Not determined
Boiling point:	-44°C (-47.2 °F)	Solubility:	Not determined
Flash point:	-19°C (-2.2 °F)	Viscosity:	Not determined
Flammability (solid, gas):	Extremely flammable	VOC content:	542.6 g/l / 4.53 lb/gl
Decomposition temperature:	Not determined	Water:	31.7%
Auto igniting:	Product is not self-igniting	Solids content:	20.1%
Danger of explosion:	Extremely flammable		
Lower Explosion Limit:	1.7Vol %		
Upper Explosion Limit:	10.9Vol %		

SECTION 10: STABILITY AND REACTIVITY

10.1 STABILITY AND REACTIVITY

Reactivity:	Stable at normal temperatures
Conditions to avoid:	Do not allow can to exceed 120 degrees Fahrenheit. Do not warehouse in subfreezing temperatures
Chemical stability:	Not fully evaluated
Possibility of hazardous reactions:	No dangerous reactions known
Incompatible materials:	No further relevant information available
Hazardous decomposition:	No dangerous decomposition products known

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 TOXICOLOGICAL INFORMATION

LD/LC50 VALUES THAT ARE RELEVANT FOR CLASSIFICATION:

106-97-8 n-butane

Inhalative	LC50/4 h	658 mg/l (rat)
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1330-20-7 xylene (mix)

Oral	LD50	8,700 mg/kg (rat)
Dermal	LD50	2,000 mg/kg (rbt)
Inhalative	LC50/4 h	6,350 mg/l (rat)



AF2000 INVERTED MARKING PAINTS

RED FLUORESCENT, WATER BASED

11.1 TOXICOLOGICAL INFORMATION (CONT'D)

- Information on toxicological effects:** No data available
- Skin effects:** Irritant to skin and mucous membranes
- Eye effects:** No irritating effect.
- Sensitization:** No sensitizing effects known

SECTION 12: ECOLOGICAL INFORMATION

12.1 ECOLOGICAL INFORMATION

- Aquatic toxicity:** Hazardous for water, do not empty into drains
- Persistence and degradability:** The product is degradable after prolonged exposure to natural weathering processes
- Bioaccumulative potential:** No further relevant information available
- Mobility in soil:** No further relevant information available
- Other adverse effects:** No further relevant information available

SECTION 13: DISPOSAL INFORMATION

13.1 DISPOSAL INFORMATION

Dispose of in accordance with local, state, and federal regulations. Do not puncture, incinerate, or compact. Partially empty cans must be disposed of responsibly. Do not heat or cut empty containers with electric or gas torches.

- Recommendation:** Completely empty cans should be recycled

SECTION 14: TRANSPORT INFORMATION

14.1 TRANSPORT INFORMATION

UN-Number	UN1950
DOT	N/A
DOT	Consumer Commodity ORM-D Aerosols, flammable
ADR	1950 Aerosols



AF2000 INVERTED MARKING PAINTS

RED FLUORESCENT, WATER BASED

14.1 TRANSPORT INFORMATION (CONT'D)

Transport hazard class(es):	
Class	2.1
Marine pollutant	No
Special precautions for user	Warning: Gases
EMS Number	F-D,S-U
Stowage Code	SW1 Protected from sources of heat. SW22 For AEROSOLS with a maximum capacity of 1 litre: Category A. For AEROSOLS with a capacity above 1 litre: Category B. For WASTE AEROSOLS: Category C, Clear of living quarters.
Segregation Code	SG69 For AEROSOLS with a maximum capacity of 1 litre: Segregation as for class 9. Stow "separated from" class 1 except for division 1.4. For AEROSOLS with a capacity above 1 litre: Segregation as for the appropriate subdivision of class 2. For WASTE AEROSOLS: Segregation as for the appropriate subdivision of class 2.
Quantity limitations	On passenger aircraft/rail: 75 kg On cargo aircraft only: 150 kg
ADR Excepted quantities (EQ)	Code: E0 Not permitted as Excepted Quantity
IMDG	-
Limited quantities (LQ)	1L
Excepted quantities (EQ)	Code: E0 Not permitted as Excepted Quantity
Packaging Group	-
UN "Model Regulation":	UN1950, Aerosols, 2.1

SECTION 15: REGULATORY INFORMATION

15.1 REGULATORY INFORMATION

SARA SECTION 355 (EXTREMELY HAZARDOUS SUBSTANCES):

None of the ingredients in this product are listed.

CSARA SECTION 313 (SPECIFIC TOXIC CHEMICAL LISTINGS):

1330-20-7 xylene (mix)

Toxic Substances Control Act (TSCA)	All hazardous ingredients for this product are found on the inventory list of substances.
Consumer Product Safety Commission (CPSC)	This product complies with 16 CFR 1303 and does not contain more than 90 ppm of lead.

CALIFORNIA PROPOSITION 65 CHEMICALS KNOWN TO CAUSE CANCER:

100-41-4	ethyl benzene
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AF2000 INVERTED MARKING PAINTS
RED FLUORESCENT, WATER BASED


15.1 REGULATORY INFORMATION (CONT'D)

CALIFORNIA PROPOSITION 65 CHEMICALS KNOWN TO CAUSE BIRTH DEFECTS OR REPRODUCTIVE HARM:

None of the ingredients in this product are listed.

CANADIAN ENVIRONMENTAL PROTECTION ACT:

All hazardous ingredients for this product appear on the Canadian Domestic Substance List.

CWHMIS Symbols for Canada	<p>A - Compressed gas D2B - Toxic material causing other toxic effects</p> 
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EPA:

1330-20-7

xylene (mix)



AF2000 INVERTED MARKING PAINTS

WHITE, WATER BASED

SECTION 1: IDENTIFICATION

1.1 PRODUCT IDENTIFIER

Trade Name: Standard APWA White
Product Code: ASWH17
Supplier: Allfasteners USA, LLC.

Revision Date: 10/11/17
Supercedes: NEW

1.2 SUPPLIERS DETAILS

Company Name: Allfasteners USA LLC
480 Meadow Lane
Carlstadt, NJ 07072
United States

Telephone: 201.783.8836

Fax: 201.783.8840

Email: salesny@allfasteners.com

1.5 EMERGENCY PHONE NUMBER

Emergency Telephone: 1.800.577.3171

SECTION 2: HAZARDOUS IDENTIFICATION

2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

Flam. Aerosol 1 H222 Extremely flammable aerosol.
Press. Gas H280 Contains gas under pressure; may explode if heated.
STOT SE 3 H335 May cause respiratory irritation.
STOT RE 2 H373 May cause damage to organs through prolonged or repeated exposure.

GHS Hazard Pictograms:



GHS02



GHS04



GHS07



GHS08

2.2 GHS HAZARD STATEMENTS

Signal Word: Danger.

Hazard Statements: Extremely flammable aerosol.
Contains gas under pressure; may explode if heated.
May cause respiratory irritation.
May cause damage to organs through prolonged or repeated exposure.



AF2000 INVERTED MARKING PAINTS

WHITE, WATER BASED

2.2 GHS HAZARD STATEMENTS (CONT'D)

Precautionary Statements: Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
Do not spray on an open flame or other ignition source.
Pressurized container: Do not pierce or burn, even after use.
Use only outdoors or in a well-ventilated area.
IF INHALED: Remove person to fresh air and keep comfortable for breathing.
Call a poison center/doctor if you feel unwell.
Store in a well-ventilated place.
Store locked up.
Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
Dispose of contents/container in accordance with local/regional/national/international regulations

SECTION 3: COMPOSITION/INFORMATION OF INGREDIENTS

3.1 HAZARDOUS SUBSTANCES

Chemical Characterizations: Mixtures
Chemical Description: This product is a mixture of the substance listed below with nonhazardous additions.

DANGEROUS COMPONENTS:

74-98-6	propane	15.12%
64742-89-8	VM&P Naphtha	14.02%
1317-65-3	Calcium Carbonate	10.34%
106-97-8	n-butane	8.88%
13463-67-7	titanium dioxide	3.59%
64742-47-8	Mineral Spirits	3.47%

SECTION 4: FIRST AID MEASURES

4.1 DESCRIPTION OF FIRST AID MEASURES

Inhalation: Supply fresh air; consult doctor in case of complaints.
Skin Contact: Remove contaminated clothing. Wash exposed area with soap and water.
Eye contact: Rinse opened eye for several minutes under running water. Then consult a doctor.
Swallowing: Rinse out mouth and then drink plenty of water.

Most important symptoms and effects: Dizziness

Indication of any immediate medical attention needed: No further relevant information available.



AF2000 INVERTED MARKING PAINTS

WHITE, WATER BASED

SECTION 5: FIRE-FIGHTING MEASURES

5.1 EXTINGUISHING MEDIA

Extinguishing Agents: CO₂, extinguishing powder or water spray. Fight larger fires with water spray.

Special hazards: Can form explosive gas-air mixtures.

Protective equipment for firefighters: A respiratory protective device may be necessary.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED

Personal precautions, protective equipment and emergency procedures: Wear protective equipment. Keep unprotected persons away.
Use respiratory protective device against the effects of fumes/dust/aerosol.

Methods and material for containment and cleaning up: Ensure adequate ventilation.

SECTION 7: HANDLING AND STORAGE

7.1 HANDLING

Precautions for safe handling: Use only in well ventilated areas.

7.2 STORAGE

Storage requirements: Keep away from sources of heat and direct sunlight. Do not warehouse in subfreezing conditions. Store locked up.

SECTION 8: EXPOSURE CONTROL/PERSONAL

8.1 CONTROL PARAMETERS

COMPONENTS WITH LIMIT VALUES THAT REQUIRE MONITORING AT THE WORKPLACE:

74-98-6 propane

PEL (USA)	Long-term value: 1800 mg/m ³ , 1000 ppm
REL (USA)	Long-term value: 1800 mg/m ³ , 1000 ppm
TLV (USA)	refer to Appendix F in TLVs&BEIs book; D, EX



AF2000 INVERTED MARKING PAINTS

WHITE, WATER BASED

8.1 CONTROL PARAMETERS (CONT'D)

COMPONENTS WITH LIMIT VALUES THAT REQUIRE MONITORING AT THE WORKPLACE:

106-97-8 n-butane

REL (USA)	Long-term value: 1900 mg/m ³ , 800 ppm
TLV (USA)	Short-term value: 2370 mg/m ³ , 1000 ppm (EX)

8.2 PERSONAL PROTECTION

Hygienic protection: Keep away from foodstuffs and animal feed. Wash hands after use. Immediately remove all soiled and contaminated clothing. Wash hands after use. Avoid contact with the skin. Avoid contact with the eyes and skin. Do not eat or drink while working.

Breathing equipment: A respirator is generally not necessary when using this product outdoors or in large open areas. In cases where short and/or long term overexposure exists, a charcoal filter respirator should be worn. If you suspect overexposure conditions exist, please consult an authority on chemical hygiene.

Hand protection: Nitrile gloves.
The glove material must be impermeable and resistant to the substance.

Eye protection: Tightly sealed goggles



AF2000 INVERTED MARKING PAINTS

WHITE, WATER BASED

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Aerosol	Vapor pressure:	Not determined
Odor:	Aromatic	Relative Density:	Between 0.77 and 0.85 (Water equals 1.00)
Odor threshold:	Not determined	Vapor density:	Not determined
pH-value:	Not determined	Evaporation rate:	Not applicable
Melting point/Melting range:	Undetermined	Partition coefficient, n-octonal/water:	Not determined
Boiling point:	-44°C (-47.2 °F)	Solubility:	Not determined
Flash point:	-19°C (-2.2 °F)	Viscosity:	Not determined
Flammability (solid, gas):	Extremely flammable	VOC content:	530.8 g/l / 4.43 lb/gl
Decomposition temperature:	Not determined	Water:	37.2%
Auto igniting:	Product is not self-igniting	Solids content:	19.0%
Danger of explosion:	Extremely flammable		
Lower Explosion Limit:	1.7Vol %		
Upper Explosion Limit:	10.9Vol %		

SECTION 10: STABILITY AND REACTIVITY

10.1 STABILITY AND REACTIVITY

Reactivity:	Stable at normal temperatures
Conditions to avoid:	Do not allow can to exceed 120 degrees Fahrenheit. Do not warehouse in subfreezing temperatures
Chemical stability:	Not fully evaluated
Possibility of hazardous reactions:	No dangerous reactions known
Incompatible materials:	No further relevant information available
Hazardous decomposition:	No dangerous decomposition products known

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 TOXICOLOGICAL INFORMATION

LD/LC50 VALUES THAT ARE RELEVANT FOR CLASSIFICATION:

106-97-8 n-butane

Inhalative	LC50/4 h	658 mg/l (rat)
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13463-67-7 titanium dioxide

Oral	LD50	>20,000 mg/kg (rat)
Dermal	LD50	>10,000 mg/kg (rbt)
Inhalative	LC50/4 h	>6.82 mg/l (rat)



AF2000 INVERTED MARKING PAINTS

WHITE, WATER BASED

11.1 TOXICOLOGICAL INFORMATION (CONT'D)

- Information on toxicological effects:** No data available
- Skin effects:** Irritant to skin and mucous membranes
- Eye effects:** No irritating effect.
- Sensitization:** No sensitizing effects known

SECTION 12: ECOLOGICAL INFORMATION

12.1 ECOLOGICAL INFORMATION

- Aquatic toxicity:** Hazardous for water, do not empty into drains
- Persistence and degradability:** The product is degradable after prolonged exposure to natural weathering processes
- Bioaccumulative potential:** No further relevant information available
- Mobility in soil:** No further relevant information available
- Other adverse effects:** No further relevant information available

SECTION 13: DISPOSAL INFORMATION

13.1 DISPOSAL INFORMATION

Dispose of in accordance with local, state, and federal regulations. Do not puncture, incinerate, or compact. Partially empty cans must be disposed of responsibly. Do not heat or cut empty containers with electric or gas torches.

- Recommendation:** Completely empty cans should be recycled

SECTION 14: TRANSPORT INFORMATION

14.1 TRANSPORT INFORMATION

UN-Number	UN1950
DOT	N/A UN1950
DOT	Consumer Commodity ORM-D Aerosols, flammable
ADR	1950 Aerosols



AF2000 INVERTED MARKING PAINTS

WHITE, WATER BASED

14.1 TRANSPORT INFORMATION (CONT'D)

Transport hazard class(es):

Class	2.1
Marine pollutant	No
Special precautions for user	Warning: Gases
EMS Number	F-D,S-U
Packaging Group	-
UN "Model Regulation":	UN1950, Aerosols, 2.1

SECTION 15: REGULATORY INFORMATION

15.1 REGULATORY INFORMATION

SARA SECTION 355 (EXTREMELY HAZARDOUS SUBSTANCES):

None of the ingredients in this product are listed.

CSARA SECTION 313 (SPECIFIC TOXIC CHEMICAL LISTINGS):

None of the ingredients in this product are listed.

Toxic Substances Control Act (TSCA)	All hazardous ingredients for this product are found on the inventory list of substances.
Consumer Product Safety Commission (CPSC)	This product complies with 16 CFR 1303 and does not contain more than 90 ppm of lead.

CALIFORNIA PROPOSITION 65 CHEMICALS KNOWN TO CAUSE CANCER:



13463-67-7	titanium dioxide
100-41-4	ethyl benzene

CALIFORNIA PROPOSITION 65 CHEMICALS KNOWN TO CAUSE BIRTH DEFECTS OR REPRODUCTIVE HARM:

None of the ingredients in this product are listed.

CANADIAN ENVIRONMENTAL PROTECTION ACT:

All hazardous ingredients for this product appear on the Canadian Domestic Substance List.

CWHMIS Symbols for Canada	A - Compressed gas  
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EPA:

None of the ingredients is listed.



AF2000 INVERTED MARKING PAINTS

UTILITY YELLOW, WATER BASED

SECTION 1: IDENTIFICATION

1.1 PRODUCT IDENTIFIER

Trade Name: APWA Utility Yellow
Product Code: ASYE17
Supplier: Allfasteners USA, LLC.

Revision Date: 10/11/17
Supercedes: NEW

1.2 SUPPLIERS DETAILS

Company Name: Allfasteners USA LLC
480 Meadow Lane
Carlstadt, NJ 07072
United States

Telephone: 201.783.8836

Fax: 201.783.8840

Email: salesny@allfasteners.com

1.3 EMERGENCY PHONE NUMBER

Emergency Telephone: 1.800.577.3171

SECTION 2: HAZARDOUS IDENTIFICATION

2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

Flam. Aerosol 1 H222 Extremely flammable aerosol.
Press. Gas H280 Contains gas under pressure; may explode if heated.
STOT SE 3 H335 May cause respiratory irritation.
STOT RE 2 H373 May cause damage to organs through prolonged or repeated exposure.

GHS Hazard Pictograms:



GHS02



GHS04



GHS07



GHS08

2.2 GHS HAZARD STATEMENTS

Signal Word: Danger.

Hazard Statements: Extremely flammable aerosol.
Contains gas under pressure; may explode if heated.
May cause respiratory irritation.
May cause damage to organs through prolonged or repeated exposure.



AF2000 INVERTED MARKING PAINTS

UTILITY YELLOW, WATER BASED

2.2 GHS HAZARD STATEMENTS (CONT'D)

Precautionary Statements: Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
Do not spray on an open flame or other ignition source.
Pressurized container: Do not pierce or burn, even after use.
Use only outdoors or in a well-ventilated area.
IF INHALED: Remove person to fresh air and keep comfortable for breathing.
Call a poison center/doctor if you feel unwell.
Store in a well-ventilated place.
Store locked up.
Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
Dispose of contents/container in accordance with local/regional/national/international regulations

SECTION 3: COMPOSITION/INFORMATION OF INGREDIENTS

3.1 HAZARDOUS SUBSTANCES

Chemical Characterizations: Mixtures
Chemical Description: This product is a mixture of the substance listed below with nonhazardous additions.

DANGEROUS COMPONENTS:

74-98-6	propane	15.12%
1317-65-3	Calcium Carbonate	14.58%
64742-89-8	VM&P Naphtha	14.29%
106-97-8	n-butane	8.88%
64742-47-8	Mineral Spirits	3.998%

SECTION 4: FIRST AID MEASURES

4.1 DESCRIPTION OF FIRST AID MEASURES

Inhalation: Supply fresh air; consult doctor in case of complaints.
Skin Contact: Remove contaminated clothing. Wash exposed area with soap and water.
Eye contact: Rinse opened eye for several minutes under running water. Then consult a doctor.
Swallowing: Rinse out mouth and then drink plenty of water.

Most important symptoms and effects: Dizziness

Indication of any immediate medical attention needed: No further relevant information available.



AF2000 INVERTED MARKING PAINTS

UTILITY YELLOW, WATER BASED

SECTION 5: FIRE-FIGHTING MEASURES

5.1 EXTINGUISHING MEDIA

Extinguishing Agents: CO2, extinguishing powder or water spray. Fight larger fires with water spray.

Special hazards: Can form explosive gas-air mixtures.

Protective equipment for firefighters: A respiratory protective device may be necessary.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED

Personal precautions, protective equipment and emergency procedures: Wear protective equipment. Keep unprotected persons away.
Use respiratory protective device against the effects of fumes/dust/aerosol.

Methods and material for containment and cleaning up: Ensure adequate ventilation.

SECTION 7: HANDLING AND STORAGE

7.1 HANDLING

Precautions for safe handling: Use only in well ventilated areas.

7.2 STORAGE

Storage requirements: Keep away from sources of heat and direct sunlight. Do not warehouse in subfreezing conditions. Store locked up.

SECTION 8: EXPOSURE CONTROL/PERSONAL

8.1 CONTROL PARAMETERS

COMPONENTS WITH LIMIT VALUES THAT REQUIRE MONITORING AT THE WORKPLACE:

74-98-6 propane

PEL (USA)	Long-term value: 1800 mg/m ³ , 1000 ppm
REL (USA)	Long-term value: 1800 mg/m ³ , 1000 ppm
TLV (USA)	refer to Appendix F in TLVs&BEIs book; D, EX

106-97-8 n-butane

REL (USA)	Long-term value: 1900 mg/m ³ , 800 ppm
TLV (USA)	Short-term value: 2370 mg/m ³ , 1000 ppm (EX)



AF2000 INVERTED MARKING PAINTS

UTILITY YELLOW, WATER BASED

8.2 PERSONAL PROTECTION

- Hygienic protection:** Keep away from foodstuffs and animal feed. Wash hands after use. Immediately remove all soiled and contaminated clothing. Wash hands after use. Avoid contact with the skin. Avoid contact with the eyes and skin. Do not eat or drink while working.
- Breathing equipment:** A respirator is generally not necessary when using this product outdoors or in large open areas. In cases where short and/or long term overexposure exists, a charcoal filter respirator should be worn. If you suspect overexposure conditions exist, please consult an authority on chemical hygiene.
- Hand protection:** Nitrile gloves.
The glove material must be impermeable and resistant to the substance.
- Eye protection:** Tightly sealed goggles

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Aerosol	Vapor pressure:	Not determined
Odor:	Aromatic	Relative Density:	Between 0.77 and 0.85 (Water equals 1.00)
Odor threshold:	Not determined	Vapor density:	Not determined
pH-value:	Not determined	Evaporation rate:	Not applicable
Melting point/Melting range:	Undetermined	Partition coefficient, n-octonal/water:	Not determined
Boiling point:	-44°C (-47.2 °F)	Solubility:	Not determined
Flash point:	-19°C (-2.2 °F)	Viscosity:	Not determined
Flammability (solid, gas):	Extremely flammable	VOC content:	524.4 g/l / 4.38 lb/gl
Decomposition temperature:	Not determined	Water:	34.4%
Auto igniting:	Product is not self-igniting	Solids content:	21.1%
Danger of explosion:	Extremely flammable		
Lower Explosion Limit:	1.7Vol %		
Upper Explosion Limit:	10.9Vol %		



AF2000 INVERTED MARKING PAINTS

UTILITY YELLOW, WATER BASED

SECTION 10: STABILITY AND REACTIVITY

10.1 STABILITY AND REACTIVITY

Reactivity:	Stable at normal temperatures
Conditions to avoid:	Do not allow can to exceed 120 degrees Fahrenheit. Do not warehouse in subfreezing temperatures
Chemical stability:	Not fully evaluated
Possibility of hazardous reactions:	No dangerous reactions known
Incompatible materials:	No further relevant information available
Hazardous decomposition:	No dangerous decomposition products known

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 TOXICOLOGICAL INFORMATION

LD/LC50 VALUES THAT ARE RELEVANT FOR CLASSIFICATION:

106-97-8 n-butane

Inhalative	LC50/4 h	658 mg/l (rat)
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1330-20-7 xylene (mix)

Oral	LD50	8,700 mg/kg (rat)
Dermal	LD50	2,000 mg/kg (rbt)
Inhalative	LC50/4 h	6,350 mg/l (rat)

Information on toxicological effects:	No data available
Skin effects:	Irritant to skin and mucous membranes
Eye effects:	No irritating effect.
Sensitization:	No sensitizing effects known



AF2000 INVERTED MARKING PAINTS

UTILITY YELLOW, WATER BASED

SECTION 12: ECOLOGICAL INFORMATION

12.1 ECOLOGICAL INFORMATION

Aquatic toxicity:	Hazardous for water, do not empty into drains
Persistence and degradability:	The product is degradable after prolonged exposure to natural weathering processes
Bioaccumulative potential:	No further relevant information available
Mobility in soil:	No further relevant information available
Other adverse effects:	No further relevant information available

SECTION 13: DISPOSAL INFORMATION

13.1 DISPOSAL INFORMATION

Dispose of in accordance with local, state, and federal regulations. Do not puncture, incinerate, or compact. Partially empty cans must be disposed of responsibly. Do not heat or cut empty containers with electric or gas torches.

Recommendation: Completely empty cans should be recycled

SECTION 14: TRANSPORT INFORMATION

14.1 TRANSPORT INFORMATION

UN-Number	UN1950
DOT	N/A UN1950
DOT	Consumer Commodity ORM-D Aerosols, flammable
ADR	1950 Aerosols
Transport hazard class(es):	
Class	2.1
Marine pollutant	No
Special precautions for user	Warning: Gases
EMS Number	F-D,S-U
Packaging Group	-
UN "Model Regulation":	UN1950, Aerosols, 2.1



AF2000 INVERTED MARKING PAINTS

UTILITY YELLOW, WATER BASED

SECTION 15: REGULATORY INFORMATION

15.1 REGULATORY INFORMATION

SARA SECTION 355 (EXTREMELY HAZARDOUS SUBSTANCES):

None of the ingredients in this product are listed.

CSARA SECTION 313 (SPECIFIC TOXIC CHEMICAL LISTINGS):

None of the ingredients in this product are listed.

Toxic Substances Control Act (TSCA)	All hazardous ingredients for this product are found on the inventory list of substances.
Consumer Product Safety Commission (CPSC)	This product complies with 16 CFR 1303 and does not contain more than 90 ppm of lead.

CALIFORNIA PROPOSITION 65 CHEMICALS KNOWN TO CAUSE CANCER:



13463-67-7	titanium dioxide
100-41-4	ethyl benzene

CALIFORNIA PROPOSITION 65 CHEMICALS KNOWN TO CAUSE BIRTH DEFECTS OR REPRODUCTIVE HARM:

None of the ingredients in this product are listed.

CANADIAN ENVIRONMENTAL PROTECTION ACT:

All hazardous ingredients for this product appear on the Canadian Domestic Substance List.

CWHMIS Symbols for Canada	A - Compressed gas  
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EPA:

None of the ingredients in this product are listed.



AF2000 INVERTED MARKING PAINTS

CLEAR CHALK LINE SAVER, SOLVENT BASED

SECTION 1: IDENTIFICATION

1.1 PRODUCT IDENTIFIER

Trade Name:	Clear Chalk Line Saver	Revision Date:	8/26/20
Product Code:	ASCL20	Supersedes:	10/11/17
Supplier:	Allfasteners USA, LLC.	Recommended Uses:	Paint & Coating Applications

1.2 SUPPLIERS DETAILS

Company Name: Allfasteners USA LLC
480 Meadow Lane
Carlstadt, NJ 07072
United States

Telephone: 201.783.8836

Fax: 201.783.8840

Email: salesny@allfasteners.com

1.3 EMERGENCY PHONE NUMBER

Emergency Telephone: 1.800.577.3171

SECTION 2: HAZARDOUS IDENTIFICATION

2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

Flam. Aerosol 1	H222 Extremely flammable aerosol.
Press. Gas	H280 Contains gas under pressure; may explode if heated.
Eye Irrit. 2A	H319 Causes serious eye irritation.
STOT SE 3	H336 May cause drowsiness or dizziness.
STOT RE 2	H373 May cause damage to organs through prolonged or repeated exposure.

GHS Hazard Pictograms:



GHS02



GHS04



GHS07



GHS08

2.2 GHS HAZARD STATEMENTS

Signal Word:	Danger.	
Hazard Statements:	Extremely flammable aerosol.	May cause drowsiness or dizziness.
	Contains gas under pressure; may explode if heated.	May cause damage to organs through prolonged or repeated exposure.
	Causes serious eye irritation.	



AF2000 INVERTED MARKING PAINTS

CLEAR CHALK LINE SAVER, SOLVENT BASED

2.2 GHS HAZARD STATEMENTS (CONT'D)

Precautionary Statements: Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
Do not spray on an open flame or other ignition source.
Pressurized container: Do not pierce or burn, even after use.
Do not breathe dust/fume/gas/mist/vapors/spray.
Wash hands thoroughly after handling.
Use only outdoors or in a well-ventilated area.
Wear protective gloves/protective clothing/eye protection/face protection.
IF INHALED: Remove person to fresh air and keep comfortable for breathing.
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Call a poison center/doctor if you feel unwell.
If eye irritation persists: Get medical advice/attention.
Store locked up.
Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
Dispose of contents/container in accordance with local/regional/national/international regulations.

SECTION 3: COMPOSITION/INFORMATION OF INGREDIENTS

3.1 HAZARDOUS SUBSTANCES

Chemical Characterizations: Mixtures

Chemical Description: This product is a mixture of the substance listed below with nonhazardous additions.

DANGEROUS COMPONENTS:

67-64-1	Acetone	25-50%
74-98-6	Propane	15-25%
64742-89-8	VM&P Naphtha	10-15%
106-97-8	n-butane	5-10%
64742-47-8	Mineral Spirits	5-10%
111-76-2	Glycol Ether EB	1-5%

**AF2000 INVERTED MARKING PAINTS**

CLEAR CHALK LINE SAVER, SOLVENT BASED

SECTION 4: FIRST AID MEASURES**4.1 DESCRIPTION OF FIRST AID MEASURES**

After inhalation: Supply fresh air; consult doctor in case of complaints.

After skin contact: Remove contaminated clothing. Wash exposed area with soap and water.

After eye contact: Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

After swallowing: Rinse mouth with water. Do not induce vomiting.

Most important symptoms and effects: Dizziness

Indication of any immediate medical attention needed: No further relevant information available.

SECTION 5: FIRE-FIGHTING MEASURES**5.1 EXTINGUISHING MEDIA**

Extinguishing Agents: CO₂, extinguishing powder or water spray. Fight larger fires with water spray.

Special hazards: Can form explosive gas-air mixtures.

Protective equipment for firefighters: A respiratory protective device may be necessary.

SECTION 6: ACCIDENTAL RELEASE MEASURES**6.1 STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED**

Personal precautions, protective equipment and emergency procedures: Use respiratory protective device against the effects of fumes/dust/aerosol.

Methods and material for containment and cleaning up: Absorb liquid components with liquid-binding material.

SECTION 7: HANDLING AND STORAGE**7.1 HANDLING**

Precautions for safe handling: Use only in well ventilated areas.

7.2 STORAGE

Storage requirements: Keep away from sources of heat and direct sunlight. Do not warehouse in subfreezing conditions. Store locked up.



AF2000 INVERTED MARKING PAINTS

CLEAR CHALK LINE SAVER, SOLVENT BASED

SECTION 8: EXPOSURE CONTROL/PERSONAL

8.1 CONTROL PARAMETERS

COMPONENTS WITH LIMIT VALUES THAT REQUIRE MONITORING AT THE WORKPLACE:

67-64-1 Acetone

PEL (USA)	Long-term value: 2400 mg/m ³ , 1000 ppm
REL (USA)	Long-term value: 590 mg/m ³ , 250 ppm
TLV (USA)	Short-term value: 1187 mg/m ³ , 500 ppm Long-term value: 594 mg/m ³ , 250 ppm BEI

74-98-6 propane

PEL (USA)	Long-term value: 1800 mg/m ³ , 1000 ppm
REL (USA)	Long-term value: 1800 mg/m ³ , 1000 ppm
TLV (USA)	refer to Appendix F in TLVs&BEIs book; D, EX

106-97-8 n-butane

REL (USA)	Long-term value: 1900 mg/m ³ , 800 ppm
TLV (USA)	Short-term value: 2370 mg/m ³ , 1000 ppm (EX)

111-76-2 Glycol Ether EB

PEL (USA)	Long-term value: 240 mg/m ³ , 50 ppm Skin
REL (USA)	Long-term value: 24 mg/m ³ , 5 ppm Skin
TLV (USA)	Long-term value: 97 mg/m ³ , 20 ppm BEI

INGREDIENTS WITH BIOLOGICAL LIMIT VALUES:

67-64-1 Acetone

BEI (USA)	50 mg/L Medium: urine Time: end of shift Parameter: Acetone (nonspecific)
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111-76-2 Glycol Ether EB

BEI (USA)	200 mg/g creatinine Medium: urine Time: end of shift Parameter: Butoxyacetic acid with hydrolysis
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AF2000 INVERTED MARKING PAINTS

CLEAR CHALK LINE SAVER, SOLVENT BASED

8.2 PERSONAL PROTECTION

- Hygienic protection:** Immediately remove all soiled and contaminated clothing.
Wash hands after use.
Avoid contact with the eyes and skin.
Do not eat or drink while working.
- Breathing equipment:** A respirator is generally not necessary when using this product outdoors or in large open areas. In cases where short and/or long term overexposure exists, a charcoal filter respirator should be worn. If you suspect overexposure conditions exist, please consult an authority on chemical hygiene.
- Hand protection:** Nitrile gloves.
The glove material must be impermeable and resistant to the substance.
- Eye protection:** Tightly sealed goggles

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Aerosol	Lower Explosion Limit:	1.7Vol %
Odor:	Aromatic	Upper Explosion Limit:	10.9Vol %
Odor threshold:	Not determined	Vapor pressure:	Not determined
pH-value:	Not determined	Relative Density:	Between 0.77 and 0.85 (Water equals 1.00)
Melting point/Melting range:	Undetermined	Vapor density:	Not determined
Boiling point:	-110°C (-166 °F)	Evaporation rate:	Not applicable
Flash point:	-42°C (-43.6 °F)	Partition coefficient, n-octonal/water:	Not determined
Flammability (solid, gas):	Extremely flammable	Solubility:	Not determined
Decomposition temperature:	Not determined	Viscosity:	Not determined
Auto igniting:	Product is not self-igniting		
Danger of explosion:	In use, may form flammable/explosive vapour-air mixture.		

SECTION 10: STABILITY AND REACTIVITY

10.1 STABILITY AND REACTIVITY

Reactivity:	Stable at normal temperatures
Conditions to avoid:	Do not allow can to exceed 120 degrees Fahrenheit. Do not warehouse in subfreezing temperatures
Chemical stability:	Not fully evaluated
Possibility of hazardous reactions:	No dangerous reactions known
Incompatible materials:	No further relevant information available
Hazardous decomposition:	No dangerous decomposition products known



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CLEAR CHALK LINE SAVER, SOLVENT BASED

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 TOXICOLOGICAL INFORMATION

LD/LC50 VALUES THAT ARE RELEVANT FOR CLASSIFICATION:

111-76-2 Glycol Ether EB

Oral	LD50	1,480 mg/kg (rat)
Dermal	LD50	400 mg/kg (rab)

Information on toxicological effects:	No data available
Skin effects:	No irritant effect.
Eye effects:	Irritating effect.
Sensitization:	No sensitizing effects known

SECTION 12: ECOLOGICAL INFORMATION

12.1 ECOLOGICAL INFORMATION

Aquatic toxicity:	Hazardous for water, do not empty into drains
Persistence and degradability:	The product is degradable after prolonged exposure to natural weathering processes
Other information:	This product does not contain any chlorofluorocarbons (CFC's), hydrochlorofluorocarbons (HCFC's), perfluorocarbons (PFC's), heavy metals (chromium, lead, cadmium), or chlorinated solvents.
Bioaccumulative potential:	No further relevant information available
Mobility in soil:	No further relevant information available
Other adverse effects:	No further relevant information available

SECTION 13: DISPOSAL INFORMATION

13.1 DISPOSAL INFORMATION

Dispose of in accordance with local, state, and federal regulations. Do not puncture, incinerate, or compact. Partially empty cans must be disposed of responsibly. Do not heat or cut empty containers with electric or gas torches.

Recommendation: Completely empty cans should be recycled.



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CLEAR CHALK LINE SAVER, SOLVENT BASED

SECTION 14: TRANSPORT INFORMATION

14.1 TRANSPORT INFORMATION

UN-Number	UN1950
DOT	N/A
DOT	Consumer Commodity ORM-D Aerosols, flammable
ADR	1950 Aerosols
Transport hazard class(es):	
Class	2.1
Special precautions for user	Warning: Gases
EMS Number	F-D,S-U
Packaging Group	-
Trade Name	Clear Chalk Saver
UN "Model Regulation":	UN1950, Aerosols, 2.1

SECTION 15: REGULATORY INFORMATION

15.1 REGULATORY INFORMATION

SARA SECTION 355 (EXTREMELY HAZARDOUS SUBSTANCES):

None of the ingredients in this product are listed.

SARA SECTION 313 (SPECIFIC TOXIC CHEMICAL LISTINGS):

111-76-2	Glycol Ether EB
Toxic Substances Control Act (TSCA)	All hazardous ingredients for this product are found on the inventory list of substances.
Canadian Domestic Substances List (DSL):	All ingredients are listed or exempted.
Consumer Product Safety Commission (CPSC)	This product complies with 16 CFR 1303 and does not contain more than 90 ppm of lead.

CALIFORNIA PROPOSITION 65 CHEMICALS KNOWN TO CAUSE CANCER:

100-41-4	ethyl benzene
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CALIFORNIA PROPOSITION 65 CHEMICALS KNOWN TO CAUSE BIRTH DEFECTS OR REPRODUCTIVE HARM:

None of the ingredients in this product are listed.

EPA:

67-64-1	Acetone	I
111-76-2	Glycol Ether EB	NL

**AF2000 INVERTED MARKING PAINTS**

CLEAR CHALK LINE SAVER, SOLVENT BASED

SECTION 16: OTHER INFORMATION**16.1 DISCLAIMER**

Contact	Regulatory Affairs
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