Section 1. Product and Company Identification

Material Name: Fuze Dry Erase White – Part A
MSDS Number: FUZEWHITEPARTA
Version Number: 01
Revision Date: 08/01/2014
CAS Number: Mixture
Product Code: FUZEWHITEPARTA
Product Use: Fuze Dry Erase White Part A
Manufacture Supplier: MDC
Address: 400 High Grove Blvd
Glendale Heights, IL 60139
Telephone: 847-437-4000
FAX: 847-437-4064
24 Hour Emergency Telephone: 800-424-9300
Preparation Information: MDC 800-621-4006

Section 2. Hazards Identification

Physical state: Liquid
Appearance: Opaque liquid
Emergency overview: WARNING
Combustible liquid and vapor
Skin and eye irritant
Vapor harmful
Harmful or fatal if swallowed

OSHA regulatory status: This product is considered hazardous under 29 CFR 1910.1200

Potential health effects:
Routes of exposure:
Eye contact: Causes eye irritation
Skin contact: Causes skin irritation
Inhalation: Vapors can cause irritation of the respiratory tract, dizziness, weakness, fatigue, nausea, headache and possible unconsciousness.
Ingestion: May cause gastrointestinal irritation and damage to the lining of the gastrointestinal tract. Aspiration of material into the lungs may cause chemical pneumonitis, which can be fatal.

Target organs: Eyes, skin, respiratory tract, central nervous system

Chronic effects: May cause liver disorder (e.g., edema, proteinuria) and damage. May cause kidney damage. Prolonged or continuous inhalation of vapors may result in lung damage.

Signs and symptoms: Skin and eye irritation. Respiratory tract irritation. Vapors may cause drowsiness, and dizziness.

Potential environmental effects: This product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful effect on the environment.
Section 3. Composition / Information on Ingredients

<table>
<thead>
<tr>
<th>Components</th>
<th>CAS #</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Titanium dioxide</td>
<td>13463-67-7</td>
<td>38.47</td>
</tr>
<tr>
<td>Parachlorobenzotrifluoride</td>
<td>98-56-6</td>
<td>6.7</td>
</tr>
<tr>
<td>Aluminum hydroxide</td>
<td>21645-51-2</td>
<td>0.5</td>
</tr>
<tr>
<td>Silicon dioxide, amorphous</td>
<td>7631-86-9</td>
<td>0.5</td>
</tr>
<tr>
<td>Octamethylcyclotetrasiloxane</td>
<td>556-67-2</td>
<td>0.06</td>
</tr>
</tbody>
</table>

Section 4. First Aid Measures

Eye Contact: Immediately flush eyes with water. Flush eyes with water for a minimum of 15 minutes, occasionally lifting and lowering upper lids. Get medical attention promptly.

Skin Contact: Wash with soap and water. Get medical attention if irritation develops or persists. Remove contaminated shoes and clothes and clean before reuse.

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.

Ingestion: Do not induce vomiting. Do not give liquids. Obtain emergency medical attention.

Section 5. Fire Fighting Measures

Flash Point (TCC): 109° F, 42.8° C
Lower Explosive Limit, %: Not Determined
Upper Explosive Limit, %: Not Determined
Auto-Ignition Temperature: Not Determined
Extinguishing Media: Carbon Dioxide, Dry Chemical, Foam, Water Fog

Unusual Fire and Explosion Hazards: Combustible liquid and vapor. Vapors can travel to a source of ignition and flash back. Empty containers retain product, residue (liquid and vapor) and can be dangerous. DO NOT pressurize, cut, weld, braze, solder, drill, grind, or expose such container to heat, flame, sparks, static electricity, or other sources of ignition. Also, do not reuse container without commercial cleaning or reconditioning. Closed container may explode under extreme heat.

Special Firefighting Procedures: As in any fire, wear self-contained breathing apparatus pressure-demand (MSHA/NIOSH approved or equivalent) and full protective gear. Evacuate all unnecessary personnel. Shut down motors, pumps, electrical service and eliminate all sources of ignition. Water spray to cool containers or protect personnel. Use with caution.

Section 6. Accidental Release Measures

Personal Precautions: Use personal protective equipment. Avoid breathing vapors and contact with skin and eyes. Ensure adequate ventilation. Remove all sources of ignition. Evacuate unnecessary personnel.

Environmental Precautions: Prevent additional discharge of material if able to do so safely. Avoid discharge into drains, water courses or onto the ground.

Methods for Clean up: Ventilate area. Absorb spill with inert material (e.g. dry sand or earth). Remove with non-sparking tools and place in a chemical waste container. Dispose in accordance with all federal, state and local regulations. When discarded, this material is a hazardous waste.
Section 7. Handling and Storage

Handling

Use only in well ventilated area. Avoid breathing vapor, fumes or mist. Avoid contact with eyes, skin and clothing. Ground and bond containers when transferring material. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored or processed. Wash hands and contaminated areas with soap and water after handling.

Storage

Keep away from heat, sparks and flame. Store in tightly closed original container in a cool, dry and well ventilated place. Do not store above 120° F.

Section 8. Exposure Controls / Personal Protection

Occupational exposure limits

U.S. ACGIH Threshold Limit Values

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aluminum hydroxide</td>
<td>TWA</td>
<td>1 mg/m3</td>
<td>Respirable fraction</td>
</tr>
<tr>
<td>(21645-51-2)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Titanium dioxide</td>
<td>TWA</td>
<td>10 mg/m3</td>
<td></td>
</tr>
<tr>
<td>(13463-67-7)</td>
<td></td>
<td></td>
<td></td>
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</tbody>
</table>

U.S. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Titanium dioxide</td>
<td>PEL</td>
<td>15 mg/m3</td>
<td>Total dust</td>
</tr>
<tr>
<td>(13463-67-7)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

U.S. OSHA Table Z-3 (29 CFR 1910.1000)

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Silicon dioxide</td>
<td>TWA</td>
<td>0.8 mg/m3</td>
<td>20 mppcf</td>
</tr>
<tr>
<td>(7631-86-9)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Engineering controls

Ensure adequate ventilation, especially in confined areas.

Personal protective equipment

Eye / Face protection

Wear chemical splash goggles and face shield (ANSI Z87.1 or approved equivalent).

Skin Protection

Wear impervious gloves to prevent contact with the skin. Wear protective gear as needed – apron, suit, boots

Respiratory protection

Wear an appropriate, properly fitted respirator (NIOSH/MSHA approved) during application and handling unless air monitoring demonstrates vapor/mist levels below applicable limits. Follow respirator manufacturer’s recommendations for selection and use. Do not permit anyone without protection in the painting area.

General hygiene considerations

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing to remove contaminants. Discard contaminated footwear that cannot be cleaned. Do not eat, drink or smoke when using the product. Handle in accordance with good industrial hygiene and safety practice.
Section 9. Physical & Chemical Properties

Appearance  Opaque liquid
Color  White
Odor  Naphthalenic odor
Odor threshold  Not available
Physical state  Liquid
Form  Liquid
pH  Not available
Melting point  Not available
Freezing point  Not available
Boiling point  282° F (139° C)
Flash point  109° F (42.8° C)
Evaporation rate  < 1 (n-BuAc=1)
Flammability limits in air, upper, % by volume  Not available
Flammability limits in air, lower, % by volume  Not available
Vapor pressure  Not available
Vapor density  ➢ 1 Air = 1
Specific gravity  1.7516
Solubility (water)  Not available
Partition coefficient (n-octanol/water)  Not available
Auto-ignition temperature  Not available
Decomposition temperature  Not available
VOC as mixed (less water and exempt compounds)  89 grams per liter

Section 10. Chemical Stability & Reactivity Information

Chemical Stability  Stable at normal conditions
Conditions to avoid  Contact with incompatible materials. Keep away from heat, sparks, and flame
Incompatible materials  Strong oxidizing agents. Strong acids.
Hazardous decomposition products  Chlorine containing gasses can be produced
Fluorine containing gasses can be produced
Possibility of hazardous reactions  Hazardous polymerization does not occur

Section 11. Toxicological Information

Acute effects  Causes eye, skin and respiratory tract irritation. Vapors and spray mists may cause dizziness, weakness, fatigue, nausea, headache and possible unconsciousness. Ingestion may cause gastrointestinal irritation and damage to the lining of the gastrointestinal tract. Aspiration of material into the lungs may cause chemical pneumonitis, which can be fatal.

Sensitization  Not a skin sensitizer

Chronic effects  May cause liver disorder (e.g., edema, proteinuria) and damage. May cause kidney damage. Prolonged or continuous inhalation of vapors may result in lung damage.

Carcinogenicity  Potentially carcinogenic components are typically only present in trace amounts. Due to the form of the product, exposure to the potentially carcinogenic components is not expected.

ACGIH Carcinogens  
Titanium dioxide (CAS 13463-67-7)  A4 Not classifiable as a human carcinogen

IARC Monographs. Overall Evaluation of Carcinogenicity
Silicon dioxide (CAS 7631-86-9)  3 Not classifiable as to carcinogenicity to humans
Titanium dioxide (CAS 13463-67-7)  2B Possibly carcinogenic to humans

Mutagenicity  No data available

Symptoms and target Organs  Eyes, skin and respiratory tract irritation. None known

Further information  None known

Section 12. Ecological Information

Ecotoxicity  The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Environmental effects  An environmental hazard cannot be excluded in the event of unprofessional handling or disposal

Persistence and Degradability  No data is available on the degradability of this product.

Bioaccumulation / Accumulation  No data available

Mobility in environmental media  The product is miscible with water. May spread in water systems.

Partition coefficient (n-octanol/water)  Not available.

Section 13. Disposal Considerations

Waste codes  D001: Waste Flammable material with a flash point <140°F.

Disposal instructions  Do not allow this material to drain into sewers/water supplies. This product, in its present state, when discarded or disposed of, may be a hazardous waste according to Federal regulations (40 CFR 261.4 (b) (4). Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the product meets RCRA criteria for hazardous waste. Dispose in accordance with all applicable regulations.
Waste from residues / unused products
Dispose in accordance with applicable federal, state, and local regulations.

Contaminated packaging
Since emptied containers may retain product residue, follow label warnings even after container is emptied.

Section 14. Transport Information

DOT

Basic shipping requirements:

<table>
<thead>
<tr>
<th>UN number</th>
<th>UN1263</th>
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<tbody>
<tr>
<td>Proper shipping name</td>
<td>Paint</td>
</tr>
<tr>
<td>Hazard class</td>
<td>Combustible Liquid</td>
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<tr>
<td>Labels required</td>
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Additional information:

<table>
<thead>
<tr>
<th>Special provisions</th>
<th>B1, B52, IB3, T2, TP1</th>
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</thead>
<tbody>
<tr>
<td>Packaging exceptions</td>
<td>150</td>
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<td>Packaging non bulk</td>
<td>173</td>
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<tr>
<td>Packaging bulk</td>
<td>242</td>
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</table>

IATA

Basic shipping requirements:

<table>
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<th>UN Number</th>
<th>1263</th>
</tr>
</thead>
<tbody>
<tr>
<td>Proper shipping name</td>
<td>Paint</td>
</tr>
<tr>
<td>Hazard class</td>
<td>3</td>
</tr>
<tr>
<td>Packing group</td>
<td>III</td>
</tr>
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</table>

Additional information:

<table>
<thead>
<tr>
<th>ERG code</th>
<th>3L</th>
</tr>
</thead>
</table>

Section 15. Regulatory Information

US federal regulations
This product is hazardous according to OSHA 29 CFR 1910.1200

US EPCRA (SARA Title III) Section 313 – Toxic Chemical: De minimis concentration
None

US EPCRA (SARA Title III) Section 313 – Toxic Chemical: Listed substance
None

CERCLA (Superfund) reportable quantity (lbs) (40 CFR 302.4)
None

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories
Immediate Hazard – Yes
Delayed Hazard – Yes
Fire Hazard – Yes
Pressure Hazard – No
Reactivity Hazard - No

Section 302 extremely Hazardous substance (40 CFR 355, Appendix A)
No

Section 311/312 (40 CFR 370)
No
Inventory Status

<table>
<thead>
<tr>
<th>Country(s) or region</th>
<th>Inventory name</th>
<th>On inventory (yes/no)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Australia</td>
<td>Australian Inventory of Chemical Substances (AICS)</td>
<td>Yes</td>
</tr>
<tr>
<td>Canada</td>
<td>Domestic Substances List (DSL)</td>
<td>Yes</td>
</tr>
<tr>
<td>China</td>
<td>Inventory of Existing Chemical Substances in China (IECSC)</td>
<td>Yes</td>
</tr>
<tr>
<td>Europe</td>
<td>European Inventory of Existing Commercial Chemical Substances (EINECS)</td>
<td>Yes</td>
</tr>
<tr>
<td>Japan</td>
<td>Inventory of Existing and New Chemical Substances (ENCS)</td>
<td>Yes</td>
</tr>
<tr>
<td>Korea</td>
<td>Existing Chemicals List (ECL)</td>
<td>Yes</td>
</tr>
<tr>
<td>Philippines</td>
<td>Philippine Inventory of Chemicals and Chemical Substances (PICCS)</td>
<td>Yes</td>
</tr>
<tr>
<td>United States &amp; Puerto</td>
<td>Toxic Substances Control Act (TSCA) Inventory</td>
<td>Yes</td>
</tr>
</tbody>
</table>

* A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

State regulations

WARNING: This product contains chemicals known to the State of California to cause cancer.

- **US – California Hazardous Substances (Director’s): Listed substance**
  - Silicon dioxide (CAS 7631-86-9) Listed

- **US – California Proposition 65 – CRT: Listed date/Carcinogenic substance**
  - Titanium Dioxide (CAS 13463-67-7) Listed: September 2, 2011 Carcinogenic

- **US – Massachusetts RTK – Substance: Listed substance**
  - Silicon dioxide (CAS 7631-86-9) Listed
  - Titanium Dioxide (CAS 13463-67-7) Listed

- **US – New Jersey RTK – Substances: Listed substance**
  - Silicon dioxide (CAS 7631-86-9) Listed
  - Titanium Dioxide (CAS 13463-67-7) Listed

- **US – Pennsylvania RTK – Hazardous Substances: Listed substance**
  - Silicon dioxide (CAS 7631-86-9) Listed
  - Titanium Dioxide (CAS 13463-67-7) Listed

Section 16. Other Information

**Further information**
HMIS® is a registered trade and service mark of the NPCA

**HMIS® ratings**
- Health: 1
- Flammability: 2
- Physical hazard: 1

**NFPA ratings**
- Health: 1
- Flammability: 2
- Instability: 1

**Disclaimer**
The information in the sheet was written based on the best knowledge and experience currently available.

**Issue date**
August 1, 2014
MDC FUZE  
MATERIAL SAFETY DATA SHEET

Section 1. Product and Company Identification

Material Name: Fuze Dry Erase – Part B
MSDS Number: FUZEPARTB
Version Number: 01
Revision Date: 08/01/2014
CAS Number: Mixture
Product Code: FUZEPARTB
Product Use: Fuze Dry Erase Part B
Manufacture Supplier: MDC
Address: 400 High Grove Blvd
Glendale Heights, IL 60139
Telephone: 847-437-4000
FAX: 847-437-4064
24 Hour Emergency Telephone: 800-424-9300
Preparation Information: MDC 800-621-4006

Section 2. Hazards Identification

Physical state: Liquid
Appearance: Colorless, liquid
Emergency overview: DANGER
- Corrosive liquid and vapor
- Combustible liquid and vapor
- Causes skin and eye burns
- Vapor harmful
- Harmful or fatal if swallowed

OSHA regulatory status: This product is considered hazardous under 29 CFR 1910.1200

Potential health effects
Routes of exposure
Eye contact: Corrosive. May cause burns resulting in permanent damage.
Skin contact: Corrosive. May cause burns resulting in permanent damage. Causes skin sensitization, an allergic reaction, which becomes evident on reexposure to this material.
Inhalation: Vapors can cause irritation of the respiratory tract, dizziness, weakness, fatigue, nausea, headache and possible unconsciousness.
Ingestion: May cause gastrointestinal irritation and damage to the lining of the gastrointestinal tract. Aspiration of material into the lungs may cause chemical pneumonitis, which can be fatal. Corrosive and may cause severe and permanent damage to mouth, throat and stomach.

Target organs: Eyes, skin, respiratory tract, central nervous system
Chronic effects: May cause liver disorder (e.g., edema, proteinuria) and damage. May cause kidney damage. Prolonged or continuous inhalation of vapors may result in lung damage.
Signs and symptoms: Skin and eye irritation. Respiratory tract irritation. Vapors may cause drowsiness, and dizziness.
Potential environmental effects: This product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful effect on the environment.
Section 3. Composition / Information on Ingredients

<table>
<thead>
<tr>
<th>Components</th>
<th>CAS #</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>gamma-Aminopropyltrimethoxysilane</td>
<td>13822-56-5</td>
<td>48-52</td>
</tr>
<tr>
<td>3-Aminopropyltriethoxysilane</td>
<td>919-30-2</td>
<td>48-52</td>
</tr>
<tr>
<td>Carbmethoxethyltrimethoxysilane</td>
<td>76301-00-3</td>
<td>0.05-0.25</td>
</tr>
<tr>
<td>Ethanol</td>
<td>64-17-5</td>
<td>0.05-0.5</td>
</tr>
<tr>
<td>Methanol</td>
<td>67-56-1</td>
<td>&lt; 0.5</td>
</tr>
</tbody>
</table>

Section 4. First Aid Measures

- **Eye Contact**: Immediately flush eyes with water. Flush eyes with water for a minimum of 15 minutes, occasionally lifting and lowering upper lids. Get immediate medical attention.
- **Skin Contact**: Wash with soap and water. Get medical attention if irritation develops or persists. Remove contaminated shoes and clothes and clean before reuse.
- **Inhalation**: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.
- **Ingestion**: Do not induce vomiting. Do not give liquids. Obtain emergency medical attention.

Section 5. Fire Fighting Measures

- **Flash Point (TCC)**: 194°F, 90°C
- **Lower Explosive Limit, %**: Not Determined
- **Upper Explosive Limit, %**: Not Determined
- **Auto-Ignition Temperature**: Not Determined
- **Extinguishing Media**: Carbon Dioxide, Dry Chemical, Foam. Do not use water or water based extinguishing agents. Reacts with water hydrolysis is exothermic.
- **Unusual Fire and Explosion Hazards**: Do not use water or water based extinguishing agents. Reacts with water hydrolysis is exothermic. Combustible liquid and vapor. Corrosive liquid and vapor. Vapors can travel to a source of ignition and flash back. Empty containers retain product residue (liquid and vapor) and can be dangerous. DO NOT pressurize, cut, weld, braze, solder, drill, grind, or expose such container to heat, flame, sparks, static electricity, or other sources of ignition. Also, do not reuse container without commercial cleaning or reconditioning. Closed container may explode under extreme heat.
- **Special Firefighting Procedures**: As in any fire, wear self-contained breathing apparatus pressure-demand (MSHA/NIOSH approved or equivalent) and full protective gear. Evacuate all unnecessary personnel. Shut down motors, pumps, electrical service and eliminate all sources of ignition. Water spray to cool containers or protect personnel. Use with caution.

Section 6. Accidental Release Measures

- **Personal Precautions**: Use personal protective equipment. Avoid breathing vapors and contact with skin and eyes. Ensure adequate ventilation. Remove all sources of ignition. Evacuate unnecessary personnel.
- **Environmental Precautions**: Prevent additional discharge of material if able to do so safely. Avoid discharge into drains, water courses or onto the ground.
- **Methods for Clean up**: Ventilate area. Absorb spill with inert material (e.g. dry sand or earth). Remove with non-sparking tools and place in a chemical waste container. Dispose in
accordance with all federal, state and local regulations. When discarded, this material is a hazardous waste.

Section 7. Handling and Storage

Handling Use only in well ventilated area. Avoid breathing vapor, fumes or mist. Avoid contact with eyes, skin and clothing. Ground and bond containers when transferring material. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored or processed. Wash hands and contaminated areas with soap and water after handling.

Storage Keep away from heat, sparks and flame. Store in tightly closed original container in a cool, dry and well ventilated place. Do not store above 120º F.

Section 8. Exposure Controls / Personal Protection

Engineering controls Ensure adequate ventilation, especially in confined areas.

Personal protective equipment
Eye / Face protection Wear chemical splash goggles and face shield (ANSI Z87.1 or approved equivalent).

Skin Protection Wear impervious gloves to prevent contact with the skin. Wear protective gear as needed – apron, suit, boots

Respiratory protection Wear an appropriate, properly fitted respirator (NIOSH/MSHA approved) during application and handling unless air monitoring demonstrates vapor/mist levels below applicable limits. Follow respirator manufacturer’s recommendations for selection and use. Do not permit anyone without protection in the painting area.

General hygiene considerations Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing to remove contaminants. Discard contaminated footwear that cannot be cleaned. Do not eat, drink or smoke when using the product. Handle in accordance with good industrial hygiene and safety practice.

Section 9. Physical & Chemical Properties

Appearance Colorless, liquid

Color Colorless

Odor Naphthalenic odor

Odor threshold Not available

Physical state Liquid

Form Liquid

pH Not available

Melting point Not available

Freezing point Not available

Boiling point 381º F (194º C)

Flash point 194º F (90º C)

Evaporation rate < 1 (n-BuAc=1)

Flammability limits in air, Not available
upper, % by volume
Flammability limits in air, lower, % by volume Not available
Vapor pressure Not available
Vapor density ➢ 1 Air = 1
Specific gravity 0.985
Solubility (water) Not available
Partition coefficient (n-octanol/water) Not available
Auto-ignition temperature Not available
Decomposition temperature Not available
VOC as mixed (less water and exempt compounds) 89 grams per liter

Section 10. Chemical Stability & Reactivity Information
Chemical Stability Stable at normal conditions
Conditions to avoid Moisture sensitive. Avoid contact with moisture, water, heat sparks and open flame. Avoid contact with incompatible materials.
Hazardous decomposition products Chlorine containing gasses can be produced. Fluorine containing gases can be produced. Oxides of carbon, nitrogen oxides, nitric acid, and hydrogen cyanide.
Possibility of hazardous reactions Exothermic reaction with: water, organic acids, inorganic acids

Section 11. Toxicological Information
Acute effects Causes severe eye, skin and respiratory tract irritation. Corrosive effect on eyes, skin and mucous membranes. May cause burns resulting in permanent damage. Vapors and spray mists may cause dizziness, weakness, fatigue, nausea, headache and possible unconsciousness. Ingestion may cause gastrointestinal irritation and damage to the lining of the gastrointestinal tract. Aspiration of material into the lungs may cause chemical pneumonitis, which can be fatal.
Sensitization Skin sensitizer
Chronic effects May cause liver disorder (e.g., edema, proteinuria) and damage. May cause kidney damage. Prolonged or continuous inhalation of vapors may result in lung damage.
Carcinogenicity None
Mutagenicity No data available
Symptoms and target Organs Eyes, skin and respiratory tract irritation.
Further information  None known

Section 12. Ecological Information

Ecotoxicity  The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Environmental effects  An environmental hazard cannot be excluded in the event of unprofessional handling or disposal

Persistence and Degradability  No data is available on the degradability of this product.

Bioaccumulation / Accumulation  No data available

Mobility in environmental media  The product is miscible with water. May spread in water systems.

Partition coefficient (n-octanol/water)  Not available.

Section 13. Disposal Considerations

Disposal instructions  Do not allow this material to drain into sewers/water supplies. This product, in its present state, when discarded or disposed of, may be a hazardous waste according to Federal regulations (40 CFR 261.4 (b) (4). Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the product meets RCRA criteria for hazardous waste. Dispose in accordance with all applicable regulations.

Waste from residues / unused products  Dispose in accordance with applicable federal, state, and local regulations.

Contaminated packaging  Since emptied containers may retain product residue, follow label warnings even after container is emptied.

Section 14. Transport Information

DOT  Basic shipping requirements:
UN number  UN3066
Proper shipping name  Paint related material, corrosive
Hazard class  8
Labels required  Corrosive liquid

Additional information:
Special provisions  B2, IB2, T7, TP2
Packaging exceptions  154
Packaging non bulk  173

IATA  Basic shipping requirements:
UN Number  3066
Proper shipping name  Paint related material, corrosive
Hazard class  8
Packing group  II
Additional information:
Section 15. Regulatory Information

US federal regulations  This product is hazardous according to OSHA 29 CFR 1910.1200

US EPCRA (SARA Title III) Section 313 – Toxic Chemical: De minimis concentration
None

US EPCRA (SARA Title III) Section 313 – Toxic Chemical: Listed substance
None

CERCLA (Superfund) reportable quantity (lbs) (40 CFR 302.4)
None

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories
Immediate Hazard – Yes
Delayed Hazard – Yes
Fire Hazard – Yes
Pressure Hazard – No
Reactivity Hazard - Yes

Section 302 extremely Hazardous substance (40 CFR 355, Appendix A)
No

Section 311/312 (40 CFR 370)
No

Inventory Status

<table>
<thead>
<tr>
<th>Country(s) or region</th>
<th>Inventory name</th>
<th>On inventory (yes/no)*</th>
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</thead>
<tbody>
<tr>
<td>Australia</td>
<td>Australian Inventory of Chemical Substances (AICS)</td>
<td>Yes</td>
</tr>
<tr>
<td>Canada</td>
<td>Domestic Substances List (DSL)</td>
<td>Yes</td>
</tr>
<tr>
<td>China</td>
<td>Inventory of Existing Chemical Substances in China (IECSC)</td>
<td>Yes</td>
</tr>
<tr>
<td>Europe</td>
<td>European Inventory of Existing Commercial Chemical Substances (EINECS)</td>
<td>Yes</td>
</tr>
<tr>
<td>Japan</td>
<td>Inventory of Existing and New Chemical Substances (ENCS)</td>
<td>Yes</td>
</tr>
<tr>
<td>Korea</td>
<td>Existing Chemicals List (ECL)</td>
<td>Yes</td>
</tr>
<tr>
<td>Philippines</td>
<td>Philippine Inventory of Chemicals and Chemical Substances (PICCS)</td>
<td>Yes</td>
</tr>
<tr>
<td>United States &amp; Puerto</td>
<td>Toxic Substances Control Act (TSCA) Inventory</td>
<td>Yes</td>
</tr>
</tbody>
</table>

* A “Yes” indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

Section 16. Other Information

Further information  HMIS® is a registered trade and service mark of the NPCA

HMIS® ratings
Health: 3
Flammability: 2
Physical hazard: 1

NFPA ratings
Health: 3
Flammability: 2
Instability: 1

Disclaimer  The information in the sheet was written based on the best knowledge and experience currently available.

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