# SAFETY DATA SHEET

**Issuing Date** 16-Sep-2014 **Revision Date** 16-Sep-2014 **Revision Number** 0

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

**GHS product identifier**

**Product Name** **Metal Marking Texpen/Dalo - All colors**

**Other means of identification**

**Part Number** Black (16030, 16033, 26033), Blue (16013, 26013), Green (16043, 26043), Orange (16103, 26103), Red (16020, 16023, 26023), White (16080, 16083, 16084, 16088, 26083, 26084), Yellow (16060, 16063, 16064, 16068, 26063, 26064)

**Formula Code** J3070 (Black), J2143 (Blue), Y916 (Green), A451M (Orange), J3076 (Red), J1694 (White), A419M (Yellow)

**UN-Number** UN1263

**Synonyms** Texpen - Fine, Medium and Broad
Dalo- Medium and Broad

**Recommended use of the chemical and restrictions on use**

**Recommended Use** Solvent based marker

**Uses advised against** No information available

**Supplier's details**

**Supplier Address**
ITW PRO BRANDS
805 E. Old 56 Highway
Olathe, KS 66061
TEL: 1-800-443-9536

**Emergency telephone number**

**Emergency Telephone Number** 800-535-5053 Infotrac

## 2. HAZARDS IDENTIFICATION

**Classification**

This chemical is considered hazardous according to the OSHA Hazard Communication Standard 2012 (29 CFR 1910.1200)

| | |
|---|---|
| Germ Cell Mutagenicity | Category 1B |
| Carcinogenicity | Category 2 |
| Specific Target Organ Systemic Toxicity (Single Exposure) | Category 3 |

| | |
|---|---|
| Aspiration Toxicity | Category 1 |
| Flammable liquids | Category 3 |

**GHS Label elements, including precautionary statements**

## Emergency Overview

**Signal Word** **Danger**

**Hazard Statements**

• Causes mild skin irritation
• May cause genetic defects
• Suspected of causing cancer
• May cause respiratory irritation
• May be fatal if swallowed and enters airways
•
• Flammable liquid and vapor.

**Appearance** Opaque, Varies, Thick viscosity, **Physical State** Liquid. **Odor** Aromatic

**Precautionary Statements**

**Prevention**

• Obtain special instructions before use.
• Do not handle until all safety precautions have been read and understood.
• Use personal protective equipment as required.
• Avoid breathing dust/fume/gas/mist/vapors/spray.
• Use only outdoors or in a well-ventilated area.
• Keep away from heat/sparks/open flames/hot surfaces - No smoking.
• Keep container tightly closed.
• Ground/bond container and receiving equipment.
• Use explosion-proof electrical/ventilating/lighting/equipment.
• Use only non-sparking tools.
• Take precautionary measures against static discharge.
• Keep cool.

**General Advice**

• If exposed or concerned: Get medical attention/advice

**Skin**

• IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

**Inhalation**

• IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

**Ingestion**

• IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
• Do NOT induce vomiting.

**Fire**

• In case of fire: Use CO2, dry chemical, or foam for extinction.

**Storage**

• Store locked up.
• Store in a well-ventilated place. Keep container tightly closed.

**Disposal**
• Dispose of contents/container to an approved waste disposal plant.

**Hazard Not Otherwise Classified (HNOC)**

Not applicable

**Other information**
Toxic to aquatic life with long lasting effects

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Synonyms** Texpen - Fine, Medium and Broad
Dalo- Medium and Broad

| Chemical Name | CAS-No | Weight % | Trade secret |
|---|---|---|---|
| Kaolin | 1332-58-7 | 10-30 | * |
| Titanium dioxide | 13463-67-7 | 10-30 | * |
| Petroleum naphtha, light aromatic | 64742-95-6 | 10-30 | * |
| 1,2,4 Trimethylbenzene | 95-63-6 | 10-30 | * |
| Carbon black | 1333-86-4 | 1-5 | * |
| 1,3,5-Trimethylbenzene | 108-67-8 | 1-5 | * |
| Stoddard solvent | 8052-41-3 | 1-5 | * |
| Xylene, mixed isomers | 1330-20-7 | 1-5 | * |
| Chlorinated hydrocarbons (chorinated paraffins) | 63449-39-8 | 1-5 | * |
| Cumene | 98-82-8 | 1-5 | * |
| Ethylbenzene | 100-41-4 | 0.1-1 | * |

**The exact percentage (concentration) of composition has been withheld as a trade secret.*

## 4. FIRST AID MEASURES

**Description of necessary first-aid measures**

**Eye Contact** Rinse thoroughly with plenty of water, also under the eyelids. Keep eye wide open while rinsing. If symptoms persist, call a physician.

**Skin Contact** Wash skin with soap and water. If skin irritation persists, call a physician.

**Inhalation** Move to fresh air. If breathing is difficult, give oxygen. If symptoms persist, call a physician.

**Ingestion** Rinse mouth. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Drink plenty of water. Consult a physician if necessary

**Protection of First-aiders** Remove all sources of ignition. Use personal protective equipment.

**Most important symptoms/effects, acute and delayed**

**Most Important Symptoms/Effects** No information available.

**Indication of immediate medical attention and special treatment needed, if necessary**

**Notes to Physician** Treat symptomatically.

## 5. FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media**
Carbon dioxide ($CO_2$). Foam. Dry chemical.

**Unsuitable Extinguishing Media** Water.

**Specific Hazards Arising from the Chemical**
No information available.

**Explosion Data**

| | |
|---|---|
| **Sensitivity to Mechanical Impact** | None. |
| **Sensitivity to Static Discharge** | Yes. |

**Protective Equipment and Precautions for Firefighters**
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures**

**Personal Precautions** Evacuate personnel to safe areas. Use personal protective equipment. Ensure adequate ventilation. Remove all sources of ignition. Keep people away from and upwind of spill/leak. Do not touch or walk through spilled material. Stop leak if you can do it without risk.

**Environmental Precautions**

**Environmental Precautions** Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. Do not flush into surface water or sanitary sewer system. Avoid release to the environment. Collect spillage. Dispose of contents/container to an approved waste disposal plant. See Section 12 for additional Ecological Information.

**Methods and materials for containment and cleaning up**

**Methods for Containment** Prevent further leakage or spillage if safe to do so.

**Methods for Cleaning Up** Small spillage: Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Large spillage: Pump or vacuum transfer spilled product to clean containers for recovery. Absorb unrecoverable product.

## 7. HANDLING AND STORAGE

**Precautions for safe handling**

**Handling** Avoid contact with skin, eyes and clothing. Keep away from open flames, hot surfaces and sources of ignition. Take precautionary measures against static discharges. Use only in an area containing flame proof equipment. Ensure adequate ventilation. To avoid ignition of vapors by static electricity discharge, all metal parts of the equipment must be grounded. Empty containers pose a potential fire and explosion hazard. Do not cut, puncture or weld containers.

**Conditions for safe storage, including any incompatibilities**

**Storage** Keep away from open flames, hot surfaces and sources of ignition. Keep containers tightly closed in a cool, well-ventilated place. Keep out of the reach of children. Keep container closed when not in use. Keep away from incompatible materials.

**Incompatible Products** Strong oxidizing agents. Strong acids. Strong reducing agents. Strong alkalis.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Control parameters**

**Exposure Guidelines**

| Chemical Name | ACGIH TLV | OSHA PEL | NIOSH IDLH |
|---|---|---|---|

| | | | |
|---|---|---|---|
| Kaolin<br>1332-58-7 | - | TWA: 15 mg/m³ total dust<br>TWA: 5 mg/m³ respirable fraction<br>(vacated) TWA: 10 mg/m³ total dust<br>(vacated) TWA: 5 mg/m³ respirable fraction | TWA: 10 mg/m³ total dust<br>TWA: 5 mg/m³ respirable dust |
| Titanium dioxide<br>13463-67-7 | TWA: 10 mg/m³ | TWA: 15 mg/m³ total dust<br>(vacated) TWA: 10 mg/m³ total dust | IDLH: 5000 mg/m³ |
| 1,2,4 Trimethylbenzene<br>95-63-6 | TWA: 25 ppm | (vacated) TWA: 25 ppm<br>(vacated) TWA: 125 mg/m³ | TWA: 25 ppm<br>TWA: 125 mg/m³ |
| Carbon black<br>1333-86-4 | TWA: 3.5 mg/m³ | TWA: 3.5 mg/m³<br>(vacated) TWA: 3.5 mg/m³ | IDLH: 1750 mg/m³<br>TWA: 3.5 mg/m³<br>TWA: 0.1 mg/m³ Carbon black in presence of Polycyclic aromatic hydrocarbons PAH |
| 1,3,5-Trimethylbenzene<br>108-67-8 | TWA: 25 ppm | (vacated) TWA: 25 ppm<br>(vacated) TWA: 125 mg/m³ | TWA: 25 ppm<br>TWA: 125 mg/m³ |
| Stoddard solvent<br>8052-41-3 | TWA: 100 ppm | TWA: 500 ppm<br>TWA: 2900 mg/m³<br>(vacated) TWA: 100 ppm<br>(vacated) TWA: 525 mg/m³ | IDLH: 20000 mg/m³<br>Ceiling: 1800 mg/m³ 15 min<br>TWA: 350 mg/m³ |
| Xylene, mixed isomers<br>1330-20-7 | STEL: 150 ppm<br>TWA: 100 ppm | TWA: 100 ppm<br>TWA: 435 mg/m³<br>(vacated) TWA: 100 ppm<br>(vacated) TWA: 435 mg/m³<br>(vacated) STEL: 150 ppm<br>(vacated) STEL: 655 mg/m³ | - |
| Cumene<br>98-82-8 | TWA: 50 ppm | TWA: 50 ppm<br>TWA: 245 mg/m³<br>(vacated) TWA: 50 ppm<br>(vacated) TWA: 245 mg/m³<br>(vacated) S* | IDLH: 900 ppm<br>TWA: 50 ppm<br>TWA: 245 mg/m³ |
| Ethylbenzene<br>100-41-4 | TWA: 20 ppm | TWA: 100 ppm<br>TWA: 435 mg/m³<br>(vacated) TWA: 100 ppm<br>(vacated) TWA: 435 mg/m³<br>(vacated) STEL: 125 ppm<br>(vacated) STEL: 545 mg/m³ | IDLH: 800 ppm<br>TWA: 100 ppm<br>TWA: 435 mg/m³<br>STEL: 125 ppm<br>STEL: 545 mg/m³ |

*Immediately Dangerous to Life or Health. ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value. OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits. NIOSH IDLH:*

**Other Exposure Guidelines** Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

**Appropriate engineering controls**

**Engineering Measures** Showers
Eyewash stations
Ventilation systems

**Individual protection measures, such as personal protective equipment**

**Eye/Face Protection** If splashes are likely to occur, wear: Chemical splash goggles.
**Skin and Body Protection** Risk of contact: Apron. Boots. Chemical resistant gloves.
**Respiratory Protection** No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn.

**Hygiene Measures** When using, do not eat, drink or smoke. Provide regular cleaning of equipment, work area and clothing.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Information on basic physical and chemical properties**

| | | | |
|---|---|---|---|
| **Physical State** | Liquid | **Appearance** | Opaque, Varies Thick viscosity, |
| **Odor** | Aromatic | **Odor Threshold** | No information available |

| Property | Values | Remarks/ - Method |
|---|---|---|
| **pH** | No data available | None known |
| **Melting Point/Range** | No data available | None known |
| **Boiling Point/Boiling Range** | 158.89-170 °C / 318-338 °F | None known |
| **Flash Point** | 42.22 °C / 108 °F | Tag closed cup |
| **Evaporation rate** | | None known |
| **Flammability (solid, gas)** | No data available | None known |
| **Flammability Limits in Air** | | |
| **upper flammability limit** | No data available 12.3 | |
| **lower flammability limit** | No data available 1.9 | |
| **Vapor Pressure** | No data available | None known |
| **Vapor Density** | > 1 (air = 1) | None known |
| **Specific Gravity** | No data available. | None known |
| **Water Solubility** | Slightly soluble | None known |
| **Solubility in other solvents** | No data available | None known |
| **Partition coefficient: n-octanol/water** | No data available | None known |
| **Autoignition Temperature** | No data available | None known |
| **Decomposition Temperature** | No data available | None known |
| **Viscosity** | No data available | None known |

**Flammable Properties** Flammable; may be ignited by heat, sparks or flames.

**Explosive Properties** No data available
**Oxidizing Properties** No data available

**Other information**

**VOC Content (%)**
J3070 Black: 30.97%
Y916 Green: 30.9%
J3076 Red: 35.58%
A419M Yellow: 28.73%
J2143 Blue: 30.78%
A451M Orange: 28.97%
J1694 White: 21.49%

**VOC (g/l)**
J3070 Black: 382 g/L
Y916 Green: 375 g/L
J3076 Red: 430 g/L
A419M Yellow: 351 g/L
J2143 Blue: 399 g/L
A451M Orange: 352 g/L
J1694 White: 321 g/L

## 10. STABILITY AND REACTIVITY

**Reactivity**

No data available.

**Chemical stability**

Stable under recommended storage conditions.

**Possibility of hazardous reactions**

None under normal processing.

**Hazardous Polymerization**

Hazardous polymerization does not occur.

**Conditions to avoid**

Heat, flames and sparks. Incompatible products.

**Incompatible materials**

Strong oxidizing agents. Strong acids. Strong reducing agents. Strong alkalis.

**Hazardous decomposition products**

Carbon oxides. Smoke Soot.

## 11. TOXICOLOGICAL INFORMATION

**Information on likely routes of exposure**

**Product Information**

**Inhalation** May cause irritation of respiratory tract.
**Eye Contact** Contact with eyes may cause irritation.
**Skin Contact** May cause irritation.
**Ingestion** Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. May be fatal if swallowed and enters airways.

| Chemical Name | LD50 Oral | LD50 Dermal | LC50 Inhalation |
|---|---|---|---|
| Titanium dioxide | > 10000 mg/kg ( Rat ) | - | - |
| 1,2,4 Trimethylbenzene | = 3280 mg/kg ( Rat ) | > 3160 mg/kg ( Rabbit ) | = 18 g/m³ ( Rat ) 4 h |
| Carbon black | > 15400 mg/kg ( Rat ) | > 3 g/kg ( Rabbit ) | - |
| 1,3,5-Trimethylbenzene | = 5000 mg/kg ( Rat ) | - | = 24 g/m³ ( Rat ) 4 h |
| Xylene, mixed isomers | = 4300 mg/kg ( Rat ) | > 1700 mg/kg ( Rabbit ) | = 5000 ppm ( Rat ) 4 h = 47635 mg/L ( Rat ) 4 h |
| Chlorinated hydrocarbons (chorinated paraffins) | = 26100 mg/kg ( Rat ) | > 10 mL/kg ( Rabbit ) | - |
| Cumene | = 1400 mg/kg ( Rat ) | > 3160 mg/kg ( Rabbit ) | = 39000 mg/m³ ( Rat ) 4 h |

**Symptoms related to the physical, chemical and toxicological characteristics**

**Symptoms** No information available.

**Delayed and immediate effects and also chronic effects from short and long term exposure**

**Sensitization** No information available.
**Mutagenic Effects** May cause genetic defects.
**Carcinogenicity** May cause cancer. The table below indicates whether each agency has listed any ingredient as a carcinogen.

| Chemical Name | ACGIH | IARC | NTP | OSHA |
|---|---|---|---|---|
| Titanium dioxide | | Group 2B | - | - |
| Carbon black | A3 | Group 2B | - | X |
| Xylene, mixed isomers | | Group 3 | | |
| Chlorinated hydrocarbons (chorinated paraffins) | | Group 2B | | |
| Cumene | | Group 2B | | |
| Ethylbenzene | A3 | Group 2B | | X |

**ACGIH: (American Conference of Governmental Industrial Hygienists)**
A3 - Animal Carcinogen
**IARC: (International Agency for Research on Cancer)**
Group 2B - Possibly Carcinogenic to Humans
Group 3: Not Classifiable as to its Carcinogenicity to Humans
**OSHA: (Occupational Safety & Health Administration)**
X - Present

**Reproductive Toxicity** No information available.
**STOT - single exposure** No information available.
**STOT - repeated exposure** No information available.

| | |
|---|---|
| **Chronic Toxicity** | Avoid repeated exposure. Ethylbenzene has been classified by the International Agency for Research on Cancer (IARC) as possibly carcinogenic to humans (Group 2B). Prolonged or repeated overexposure to ethylbenzene may result in adverse effects to the kidneys, liver, respiratory system, thyroid, testicles, and pituitary glands. May cause adverse effects on the bone marrow and blood-forming system. |
| **Target Organ Effects** | Kidney. Respiratory system. Eyes. Skin. Central nervous system (CNS). Blood. Lungs. Lymphatic system. |
| **Aspiration Hazard** | May be fatal if swallowed and enters airways |

**Numerical measures of toxicity - Product**

*The following values are calculated based on chapter 3.1 of the GHS document:*

| | |
|---|---|
| **LD50 Oral** | 9951 mg/kg; Acute toxicity estimate |
| **LD50 Dermal** | 8777 mg/kg; Acute toxicity estimate |
| **Inhalation** | mg/L |
| **dust/mist** | 8 mg/L; Acute toxicity estimate |
| **Vapor** | 54 mg/L; Acute toxicity estimate |

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity**

Toxic to aquatic life with long lasting effects.

| Chemical Name | Toxicity to Algae | Toxicity to Fish | Toxicity to Microorganisms | Daphnia Magna (Water Flea) |
|---|---|---|---|---|
| Petroleum naphtha, light aromatic 64742-95-6 | | LC50 96 h: = 9.22 mg/L (Oncorhynchus mykiss) | | EC50 48 h: = 6.14 mg/L (Daphnia magna) |
| 1,2,4 Trimethylbenzene 95-63-6 | | LC50 96 h: 7.19 - 8.28 mg/L flow-through (Pimephales promelas) LC50 96 h: = 7.72 mg/L flow-through (Pimephales promelas) | | EC50 48 h: = 6.14 mg/L (Daphnia magna) |
| Carbon black 1333-86-4 | | | | EC50 24 h: > 5600 mg/L (Daphnia magna) |
| 1,3,5-Trimethylbenzene 108-67-8 | | LC50 96 h: = 3.48 mg/L (Pimephales promelas) | | EC50 24 h: = 50 mg/L (Daphnia magna) |
| Xylene, mixed isomers 1330-20-7 | EC50 72 h: = 11 mg/L (Pseudokirchneriella subcapitata) | LC50 96 h: = 13.4 mg/L flow-through (Pimephales promelas) LC50 96 h: 2.661 - 4.093 mg/L static (Oncorhynchus mykiss) LC50 96 h: 13.5 - 17.3 mg/L (Oncorhynchus mykiss) LC50 96 h: 13.1 - 16.5 mg/L flow-through (Lepomis macrochirus) LC50 96 h: = 19 mg/L (Lepomis macrochirus) LC50 96 h: 7.711 - 9.591 mg/L static (Lepomis macrochirus) LC50 96 h: 23.53 - 29.97 mg/L static (Pimephales promelas) LC50 96 h: = 780 mg/L semi-static (Cyprinus carpio) LC50 96 h: > 780 mg/L (Cyprinus carpio) LC50 96 h: 30.26 - 40.75 mg/L static (Poecilia reticulata) | | EC50 48 h: = 3.82 mg/L (water flea) LC50 48 h: = 0.6 mg/L (Gammarus lacustris) |

| | | | | |
|---|---|---|---|---|
| Chlorinated hydrocarbons (chorinated paraffins) 63449-39-8 | | LC50 96 h: 94.5-271 mg/L static (Oncorhynchus mykiss) LC50 96 h: > 0.0109 mg/L flow-through (Oncorhynchus mykiss) LC50 96 h: > 0.1 mg/L flow-through (Lepomis macrochirus) LC50 96 h: > 100 mg/L static (Pimephales promelas) LC50 96 h: > 300 mg/L static (Lepomis macrochirus) | | EC50 24 h: = 102 mg/L (Daphnia magna) |
| Cumene 98-82-8 | EC50 72 h: = 2.6 mg/L (Pseudokirchneriella subcapitata) | LC50 96 h: 6.04-6.61 mg/L flow-through (Pimephales promelas) LC50 96 h: = 2.7 mg/L semi-static (Oncorhynchus mykiss) LC50 96 h: = 4.8 mg/L flow-through (Oncorhynchus mykiss) LC50 96 h: = 5.1 mg/L semi-static (Poecilia reticulata) | EC50 = 0.89 mg/L 5 min EC50 = 1.10 mg/L 15 min EC50 = 1.48 mg/L 30 min EC50 = 172 mg/L 24 h | EC50 48 h: 7.9 - 14.1 mg/L Static (Daphnia magna) EC50 48 h: = 0.6 mg/L (Daphnia magna) |
| Ethylbenzene 100-41-4 | EC50 72 h: = 4.6 mg/L (Pseudokirchneriella subcapitata) EC50 96 h: > 438 mg/L (Pseudokirchneriella subcapitata) EC50 72 h: 2.6 - 11.3 mg/L static (Pseudokirchneriella subcapitata) EC50 96 h: 1.7 - 7.6 mg/L static (Pseudokirchneriella subcapitata) EC50 72 h: = 11 mg/L (Pseudokirchneriella subcapitata) | LC50 96 h: 11.0 - 18.0 mg/L static (Oncorhynchus mykiss) LC50 96 h: = 4.2 mg/L semi-static (Oncorhynchus mykiss) LC50 96 h: 7.55 - 11 mg/L flow-through (Pimephales promelas) LC50 96 h: = 32 mg/L static (Lepomis macrochirus) LC50 96 h: 9.1 - 15.6 mg/L static (Pimephales promelas) LC50 96 h: = 9.6 mg/L static (Poecilia reticulata) | EC50 = 9.68 mg/L 30 min EC50 = 96 mg/L 24 h | EC50 48 h: 1.8 - 2.4 mg/L (Daphnia magna) |

**Persistence and Degradability** No information available.

**Bioaccumulation**

| Chemical Name | Log Pow |
|---|---|
| 1,2,4 Trimethylbenzene | 3.63 |
| Xylene, mixed isomers | 3.15 |
| Chlorinated hydrocarbons (chorinated paraffins) | 6.006 |
| Cumene | 3.55 |
| Ethylbenzene | 3.118 |

**Other Adverse Effects**

No information available.

## 13. DISPOSAL CONSIDERATIONS

**Waste Disposal Methods** Dispose of in accordance with federal, state, and local regulations

**Contaminated Packaging** Do not re-use empty containers.

**US EPA Waste Number** D001
U055
U239

| Chemical Name | RCRA | RCRA - Basis for Listing | RCRA - D Series Wastes | RCRA - U Series Wastes |
|---|---|---|---|---|
| Xylene, mixed isomers - 1330-20-7 | | Included in waste stream: F039 | | U239 |
| Cumene - 98-82-8 | | | | U055 |

| | | | | |
|---|---|---|---|---|
| Ethylbenzene - 100-41-4 | | Included in waste stream: F039 | | |

This product contains one or more substances that are listed with the State of California as a hazardous waste.

| Chemical Name | California Hazardous Waste |
|---|---|
| Xylene, mixed isomers | Toxic<br>Ignitable |
| Cumene | Toxic<br>Ignitable |
| Ethylbenzene | Toxic<br>Ignitable |

## 14. TRANSPORT INFORMATION

**DOT**

| | |
|---|---|
| **UN-Number** | UN1263 |
| **Proper shipping name** | Paint |
| **Hazard Class** | 3 |
| **Packing Group** | III |
| **Description** | UN1263, Paint, 3, III, Marine Pollutant |
| **Emergency Response Guide Number** | 128 |

**TDG**

| | |
|---|---|
| **UN-Number** | UN1263 |
| **Proper Shipping Name** | Paint |
| **Hazard Class** | 3 |
| **Packing Group** | III |
| **Description** | UN1263, Paint, 3, III, Marine Pollutant |

**MEX**

| | |
|---|---|
| **UN-Number** | UN1263 |
| **Proper Shipping Name** | Paint |
| **Hazard Class** | 3 |
| **Packing Group** | III |
| **Description** | UN1263, Paint, 3, III |

**ICAO**

| | |
|---|---|
| **UN-Number** | UN1263 |
| **Proper shipping name** | Paint |
| **Hazard Class** | 3 |
| **Packing Group** | III |
| **Description** | UN1263, Paint, 3, III |

**IATA**

| | |
|---|---|
| **UN-Number** | UN1263 |
| **Proper Shipping Name** | Paint |
| **Hazard Class** | 3 |
| **Packing Group** | III |
| **ERG Code** | 3L |
| **Description** | UN1263, Paint, 3, III |

**IMDG/IMO**

| | |
|---|---|
| **UN-Number** | UN1263 |
| **Proper Shipping Name** | Paint |
| **Hazard Class** | 3 |
| **Packing Group** | III |
| **EmS No.** | F-E, S-E |
| **Marine Pollutant** | Product is a marine pollutant according to the criteria set by IMDG/IMO |
| **Description** | UN1263, Paint, 3, III, (42.22°C c.c.), Marine Pollutant |

**RID**

| | |
|---|---|
| **UN-Number** | UN1263 |
| **Proper Shipping Name** | Paint |

| | |
|---|---|
| **Hazard Class** | 3 |
| **Packing Group** | III |
| **Classification Code** | F1 |
| **Description** | UN1263, Paint, 3, III |

**ADR**

| | |
|---|---|
| **UN-Number** | UN1263 |
| **Proper Shipping Name** | Paint |
| **Hazard Class** | 3 |
| **Packing Group** | III |
| **Classification Code** | F1 |
| **Tunnel Restriction Code** | (D/E) |
| **Description** | UN1263, Paint, 3, III, (D/E) |

**ADN**

| | |
|---|---|
| **Proper Shipping Name** | Paint |
| **Hazard Class** | 3 |
| **Packing Group** | III |
| **Classification Code** | F1 |
| **Special Provisions** | 163, 640E, 650 |
| **Description** | UN1263, Paint, 3, III |
| **Limited Quantity** | 5 L |
| **Ventilation** | VE01 |

## 15. REGULATORY INFORMATION

### International Inventories

### Legend

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory
**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

### U.S. Federal Regulations

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

| Chemical Name | CAS-No | Weight % | SARA 313 - Threshold Values % |
|---|---|---|---|
| 1,2,4 Trimethylbenzene | 95-63-6 | 10-30 | 1.0 |
| Xylene, mixed isomers | 1330-20-7 | 1-5 | 1.0 |
| Cumene | 98-82-8 | 1-5 | 1.0 |
| Ethylbenzene | 100-41-4 | 0.1-1 | 0.1 |

**SARA 311/312 Hazard Categories**

| | |
|---|---|
| **Acute Health Hazard** | Yes |
| **Chronic Health Hazard** | Yes |
| **Fire Hazard** | Yes |
| **Sudden Release of Pressure Hazard** | No |
| **Reactive Hazard** | No |

**Clean Water Act**

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42):

| Chemical Name | CWA - Reportable Quantities | CWA - Toxic Pollutants | CWA - Priority Pollutants | CWA - Hazardous Substances |
|---|---|---|---|---|
| Xylene, mixed isomers | 100 lb | | | X |
| Ethylbenzene | 1000 lb | X | X | X |

**CERCLA**

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302):

| Chemical Name | Hazardous Substances RQs | Extremely Hazardous Substances RQs | RQ |
|---|---|---|---|

| | | | |
|---|---|---|---|
| Xylene, mixed isomers | 100 lb | | RQ 100 lb final RQ<br>RQ 45.4 kg final RQ |
| Cumene | 5000 lb | | RQ 5000 lb final RQ<br>RQ 2270 kg final RQ |
| Ethylbenzene | 1000 lb | | RQ 1000 lb final RQ<br>RQ 454 kg final RQ |

## U.S. State Regulations

### California Proposition 65

This product contains the following Proposition 65 chemicals:

| Chemical Name | CAS-No | California Prop. 65 |
|---|---|---|
| Titanium dioxide | 13463-67-7 | Carcinogen |
| Carbon black | 1333-86-4 | Carcinogen |
| Chlorinated hydrocarbons (chorinated paraffins) | 63449-39-8 | Carcinogen |
| Cumene | 98-82-8 | Carcinogen |
| Ethylbenzene | 100-41-4 | Carcinogen |
| Quartz | 14808-60-7 | Carcinogen |

## U.S. State Right-to-Know Regulations

| Chemical Name | New Jersey | Massachusetts | Pennsylvania | Illinois | Rhode Island |
|---|---|---|---|---|---|
| Kaolin | X | X | X | | X |
| Titanium dioxide | | X | | | X |
| 1,2,4 Trimethylbenzene | X | X | X | X | X |
| Carbon black | X | X | X | X | X |
| 1,3,5-Trimethylbenzene | X | X | X | X | X |
| Stoddard solvent | X | X | X | | X |
| Xylene, mixed isomers | X | X | X | X | X |
| Diethylbenzene | X | | | | |
| Cumene | X | X | X | X | X |
| Solvent naphtha (petroleum), medium aliphatic | X | | | | |
| Calcium resinate | X | | | | |
| Ethylbenzene | X | X | X | X | X |

### U.S. EPA Label Information

**EPA Pesticide Registration Number** Not applicable

## 16. OTHER INFORMATION

| | | | | |
|---|---|---|---|---|
| **NFPA** | **Health Hazard** 2 | **Flammability** 2 | **Instability** 0 | **Physical and Chemical Hazards** - |
| **HMIS** | **Health Hazard** 2* | **Flammability** 2 | **Physical Hazard** 0 | **Personal Protection** X |

**Indicates a chronic health hazard.*

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**General Disclaimer**

**The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.**

**End of Safety Data Sheet**