

# MATERIAL SAFETY DATA SHEET

## 1. Product and Company Identification

**Material name** IdeaPaint CREATE - part A (THAT) (Black version)  
**Version #** 01  
**Revision date** 04-24-2012  
**CAS #** Mixture  
**Product code** CREATE - part A (THAT)  
**Product use** Dry erase coating.  
**Manufacturer/Supplier** IdeaPaint  
290 Eliot Street, 2nd Floor, Ashland, MA 01721  
**Telephone number** 617.714.1050  
**Emergency** +1.866.519.4752 (US, Canada, Mexico)  
+1-760-476-3962 (US, Canada, Mexico)  
Access Code: 333641

## 2. Hazards Identification

**Physical state** Solid.  
**Appearance** Black liquid.  
**Emergency overview** WARNING  
Irritating to eyes and skin. May cause allergic skin reaction.  
**OSHA regulatory status** This product is considered hazardous under 29 CFR 1910.1200 (Hazard Communication).  
**Potential health effects**  
**Routes of exposure** Inhalation. Ingestion. Skin contact. Eye contact.  
**Eyes** Irritating to eyes.  
**Skin** Irritating to skin.  
**Inhalation** Prolonged inhalation may be harmful.  
**Ingestion** Irritating to mouth, throat, and stomach.  
**Target organs** Eyes. Respiratory system. Skin.  
**Chronic effects** Frequent or prolonged contact may defat and dry the skin, leading to discomfort and dermatitis.  
**Signs and symptoms** Skin irritation. Irritation of eyes and mucous membranes.  
**Potential environmental effects** Expected to be toxic to aquatic organisms. May cause long-term adverse effects in the environment.

## 3. Composition / Information on Ingredients

| Components   | CAS #      | Percent |
|--------------|------------|---------|
| Epoxy resin  | 30583-72-3 | 15 - 40 |
| Wollastonite | 13983-17-0 | 10 - 30 |
| Carbon black | 1333-86-4  | 0.1 - 1 |

**Composition comments** All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

## 4. First Aid Measures

### First aid procedures

**Eye contact** Immediately flush eyes with plenty of water for at least 15 minutes. Remove any contact lenses and open eyelids wide apart. Get medical attention if irritation develops or persists.

**Skin contact** Remove contaminated clothes and rinse skin thoroughly with water for at least 15 minutes. Get medical attention if irritation develops or persists.

|                           |   |
|---------------------------|---|
| <b>Inhalation</b>         | If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. Oxygen or artificial respiration if needed. Do not use mouth-to-mouth method if victim inhaled the substance. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Call a physician or poison control center immediately. |
| <b>Ingestion</b>          | Have victim rinse mouth thoroughly with water. Do not induce vomiting without advice from poison control center. Do not use mouth-to-mouth method if victim ingested the substance.   |
| <b>Notes to physician</b> | Treat symptomatically.  |
| <b>General advice</b>     | Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.  |

## 5. Fire Fighting Measures

|  |   |
|--|---|
| <b>Flammable properties</b>                                  | The product is not flammable.   |
| <b>Extinguishing media</b>                                   |   |
| <b>Suitable extinguishing media</b>                          | Carbon dioxide, regular foam, dry chemical, water spray, or water fog.  |
| <b>Unsuitable extinguishing media</b>                        | None known.   |
| <b>Protection of firefighters</b>                            |   |
| <b>Specific hazards arising from the chemical</b>            | Fire or high temperatures create: Carbon oxides. Nitrogen oxides. Metal oxides.   |
| <b>Protective equipment and precautions for firefighters</b> | Self-contained breathing apparatus and full protective clothing must be worn in case of fire.   |
| <b>Specific methods</b>                                      | Move container from fire area if it can be done without risk. Prevent runoff from fire control or dilution from entering streams, sewers, or drinking water supply. |

## 6. Accidental Release Measures

|                                  |  |
|----------------------------------|--|
| <b>Personal precautions</b>      | Keep unnecessary personnel away. Local authorities should be advised if significant spillages cannot be contained. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering. Avoid inhalation of vapors and contact with skin and eyes. Wear protective clothing as described in Section 8 of this MSDS.  |
| <b>Environmental precautions</b> | Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground.   |
| <b>Methods for cleaning up</b>   | <p>Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Following product recovery, flush area with water.</p> <p>Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.</p> <p>Never return spills in original containers for re-use. This material and its container must be disposed of as hazardous waste.</p> |
| <b>Other information</b>         | Clean up in accordance with all applicable regulations. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal.   |

## 7. Handling and Storage

|                 |   |
|-----------------|---|
| <b>Handling</b> | Use Personal Protective Equipment recommended in section 8 of the MSDS. Eating, drinking, and smoking should be prohibited in areas where this material is handled, stored, and processed. Persons with epoxy allergy should not work with this product. Avoid inhalation of vapors and contact with skin, eyes and clothing. Avoid release to the environment. Provide adequate ventilation. In case of inadequate ventilation, use respiratory protection. Good personal hygiene is necessary. Wash hands and contaminated areas with water and soap before leaving the work site. Do not reuse this container. "Empty" containers retain product residue (liquid or vapor) and can be dangerous. |
| <b>Storage</b>  | Store in accordance with local, regional, national, and international regulations. Store in tightly closed original container in a dry, cool and well-ventilated place. Protect from direct sunlight. Store away from incompatible materials. Keep away from food, drink and animal feeding stuffs. Do not store in unlabelled containers. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Use appropriate container to avoid environmental contamination. Store at temperature below 49°C.  |

## 8. Exposure Controls / Personal Protection

### Occupational exposure limits

#### US. ACGIH Threshold Limit Values

| Components               | Type | Value               | Form                |
|--------------------------|------|---------------------|---------------------|
| Carbon black (1333-86-4) | TWA  | 3 mg/m <sup>3</sup> | Inhalable fraction. |

#### US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

| Components               | Type | Value                 |
|--------------------------|------|-----------------------|
| Carbon black (1333-86-4) | PEL  | 3.5 mg/m <sup>3</sup> |

**Engineering controls** Ensure adequate ventilation, especially in confined areas. Provide easy access to water supply and eye wash facilities.

### Personal protective equipment

**Eye / face protection** Chemical goggles are recommended.

**Skin protection** Wear protective gloves. Butyl rubber gloves are recommended. Wear suitable protective clothing.

**Respiratory protection** When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. Use a properly fitted, particulate filter respirator complying with an approved standard if a risk assessment indicates this is necessary.

**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.

## 9. Physical & Chemical Properties

|   |                             |
|---|-----------------------------|
| <b>Appearance</b>                                     | Black liquid.               |
| <b>Color</b>  | Black.                      |
| <b>Odor</b>   | Not assigned.               |
| <b>Odor threshold</b>                                 | Not available.              |
| <b>Physical state</b>                                 | Solid.                      |
| <b>Form</b>   | Liquid.                     |
| <b>pH</b>   | Not available.              |
| <b>Melting point</b>                                  | Not available.              |
| <b>Freezing point</b>                                 | Not available.              |
| <b>Boiling point</b>                                  | > 100 °F (> 37.8 °C)        |
| <b>Flash point</b>                                    | 200 °F (93.3 °C) Closed Cup |
| <b>Evaporation rate</b>                               | 70 (n-Butylacetate=1)       |
| <b>Flammability limits in air, upper, % by volume</b> | Not available.              |
| <b>Flammability limits in air, lower, % by volume</b> | Not available.              |
| <b>Vapor pressure</b>                                 | 1.6 kPa (20°C)              |
| <b>Vapor density</b>                                  | Not available.              |
| <b>Specific gravity</b>                               | 1.29                        |
| <b>Solubility (water)</b>                             | Not available.              |
| <b>Auto-ignition temperature</b>                      | Not available.              |
| <b>Decomposition temperature</b>                      | Not available.              |
| <b>VOC</b>  | < 25 g/l                    |

## 10. Chemical Stability & Reactivity Information

|   |  |
|---|--|
| <b>Chemical stability</b>               | Stable at normal conditions.                       |
| <b>Conditions to avoid</b>              | Keep away from heat, sparks, and flame.            |
| <b>Incompatible materials</b>           | Water. Acids. Oxidizing material. Strong alkaline. |
| <b>Hazardous decomposition products</b> | None expected under normal conditions of use.      |

**Possibility of hazardous reactions** Hazardous polymerization does not occur.

## 11. Toxicological Information

**Acute effects** Irritating to eyes and skin. Material generates methanol on contact with water or moisture in eye, skin and mucous membranes and has an irritating dehydrating effect on overexposed tissue.

**Local effects** Irritating to eyes and skin. May cause sensitization by skin contact. Irritating to mouth, throat, and stomach.

**Sensitization** May cause sensitization by skin contact.

**Chronic effects** Preparation contains an epoxy resin, which may cause sensitization and development of allergy.

**Carcinogenicity** Inhalation of carbon black dust may cause cancer, however due to the physical form of the product, inhalation of dust is not likely.

### ACGIH Carcinogens

Carbon black (CAS 1333-86-4) A3 Confirmed animal carcinogen with unknown relevance to humans.

### IARC Monographs. Overall Evaluation of Carcinogenicity

Carbon black (CAS 1333-86-4) 2B Possibly carcinogenic to humans.  
Wollastonite (CAS 13983-17-0) 3 Not classifiable as to carcinogenicity to humans.

**Mutagenicity** No data available.

**Symptoms and target organs** Skin irritation. Irritation of eyes and mucous membranes.

## 12. Ecological Information

**Ecotoxicity** Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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

**Bioaccumulation / Accumulation** Not available.

**Mobility in environmental media** Not available.

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

## 13. Disposal Considerations

**Waste from residues / unused products** Do not allow this material to drain into sewers/water supplies. Dispose in accordance with all applicable regulations.

**Contaminated packaging** Empty containers should be taken to an approved waste handling site for recycling or disposal.

## 14. Transport Information

### DOT

#### Basic shipping requirements:

**UN number** UN3082

**Proper shipping name** Environmentally hazardous substances, liquid, n.o.s. (Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate)

**Hazard class** 9

**Packing group** III

**Labels required** 9

#### Additional information:

**Special provisions** 8, 146, 173, 335, IB3, T4, TP1, TP29

**Packaging exceptions** 155

**Packaging non bulk** 203

**Packaging bulk** 241

### IATA

#### Basic shipping requirements:

**UN number** UN3082

**Proper shipping name** Environmentally hazardous substance, liquid, n.o.s. (Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate)

**Hazard class** 9

**Packing group** III  
**Additional information:**  
**ERG code** 9L

**IMDG**

**Basic shipping requirements:**

**UN number** UN3082  
**Proper shipping name** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate)  
**Hazard class** 9  
**Packing group** III  
**EmS No.** F-A, S-F

**15. Regulatory Information**

**US federal regulations** This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.  
All components are on the U.S. EPA TSCA Inventory List.

CERCLA/SARA Hazardous Substances - Not applicable.

**TSCA Section 12(b) Export Notification(40 CFR 707, Subpt. D)**

Not regulated.

**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 - No  
Fire Hazard - No  
Pressure Hazard - No  
Reactivity Hazard - No

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

**Section 311/312 (40 CFR 370)** Yes

**Inventory status**

| <b>Country(s) or region</b> | <b>Inventory name</b>  | <b>On inventory (yes/no)*</b> |
|-----------------------------|--|-------------------------------|
| Australia                   | Australian Inventory of Chemical Substances (AICS)                     | Yes                           |
| Canada                      | Domestic Substances List (DSL)   | No                            |
| Canada                      | Non-Domestic Substances List (NDSL)                                    | No                            |
| China                       | Inventory of Existing Chemical Substances in China (IECSC)             | Yes                           |
| Europe                      | European Inventory of Existing Commercial Chemical Substances (EINECS) | No                            |
| Europe                      | European List of Notified Chemical Substances (ELINCS)                 | No                            |
| Japan                       | Inventory of Existing and New Chemical Substances (ENCS)               | No                            |
| Korea                       | Existing Chemicals List (ECL)  | Yes                           |
| New Zealand                 | New Zealand Inventory  | Yes                           |
| Philippines                 | Philippine Inventory of Chemicals and Chemical Substances (PICCS)      | Yes                           |
| United States & Puerto Rico | Toxic Substances Control Act (TSCA) Inventory                          | No                            |

\*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 a chemical known to the State of California to cause cancer.

**US - California Hazardous Substances (Director's): Listed substance**

Carbon black (CAS 1333-86-4) Listed.  
Wollastonite (CAS 13983-17-0) Listed.

**US - California Proposition 65 - CRT: Listed date/Carcinogenic substance**

Carbon black (CAS 1333-86-4) Listed: February 21, 2003 Carcinogenic.

**US - Massachusetts RTK - Substance: Listed substance**

Carbon black (CAS 1333-86-4) Listed.

**US - New Jersey RTK - Substances: Listed substance**

Carbon black (CAS 1333-86-4) Listed.

**US - Pennsylvania RTK - Hazardous Substances: Listed substance**

Carbon black (CAS 1333-86-4) Listed.

**16. Other Information**

**Further information**

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

**HMIS® ratings**

Health: 2  
Flammability: 1  
Physical hazard: 0

**NFPA ratings**

Health: 2  
Flammability: 1  
Instability: 0

**Disclaimer**

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

**Issue date**

04-24-2012

# MATERIAL SAFETY DATA SHEET

## 1. Product and Company Identification

**Material name** IdeaPaint CREATE - part B (THIS) (Black version)  
**Version #** 01  
**Revision date** 04-24-2012  
**CAS #** Mixture  
**Product code** CREATE- part B(THIS)(Black Version)  
**Product use** Dry erase coating.  
**Manufacturer/Supplier** IdeaPaint  
290 Eliot Street, 2nd Floor, Ashland, MA 01721  
**Telephone number** 617.714.1050  
**Emergency** +1.866.519.4752 (US, Canada, Mexico)  
+1-760-476-3962 (US, Canada, Mexico)  
Access Code: 333641

## 2. Hazards Identification

**Physical state** Liquid.  
**Appearance** Transparent liquid  
**Emergency overview** WARNING  
Irritating to eyes and skin. May be harmful if swallowed.  
**OSHA regulatory status** This product is considered hazardous under 29 CFR 1910.1200 (Hazard Communication).  
**Potential health effects**  
**Routes of exposure** Inhalation. Ingestion. Skin contact. Eye contact.  
**Eyes** Irritating to eyes.  
**Skin** Irritating to skin.  
**Inhalation** Prolonged inhalation may be harmful.  
**Ingestion** Irritating to mouth, throat, and stomach. May be harmful if swallowed.  
**Target organs** Eyes. Respiratory system. Skin.  
**Chronic effects** Frequent or prolonged contact may defat and dry the skin, leading to discomfort and dermatitis.  
**Signs and symptoms** Skin irritation. Irritation of eyes and mucous membranes.  
**Potential environmental effects** Toxic to aquatic organisms. May cause long-term adverse effects in the environment.

## 3. Composition / Information on Ingredients

| Components                                   | CAS #      | Percent |
|--|------------|---------|
| n-[3-(Trimethoxysilyl)propyl]butylamine      | 31024-56-3 | 35-90   |
| n-(3-(Trimethoxysilyl)propyl)ethylenediamine | 1760-24-3  | 15-40   |
| Dibutyltin dilaurate                         | 77-58-7    | 0.5-7.5 |

**Composition comments** All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

## 4. First Aid Measures

### First aid procedures

**Eye contact** Immediately flush eyes with plenty of water for at least 15 minutes. Remove any contact lenses and open eyelids wide apart. Get medical attention if irritation develops or persists.

**Skin contact** Remove contaminated clothes and rinse skin thoroughly with water for at least 15 minutes. Get medical attention if irritation develops or persists.

|                           |   |
|---------------------------|---|
| <b>Inhalation</b>         | If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. Oxygen or artificial respiration if needed. Do not use mouth-to-mouth method if victim inhaled the substance. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Call a physician or poison control center immediately. |
| <b>Ingestion</b>          | IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Have victim rinse mouth thoroughly with water. Do not induce vomiting without advice from poison control center. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Do not use mouth-to-mouth method if victim ingested the substance.   |
| <b>Notes to physician</b> | Treat symptomatically.  |
| <b>General advice</b>     | Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.  |

## 5. Fire Fighting Measures

|  |   |
|--|---|
| <b>Flammable properties</b>                                  | The product is not flammable.   |
| <b>Extinguishing media</b>                                   |   |
| <b>Suitable extinguishing media</b>                          | Carbon dioxide, regular foam, dry chemical, water spray, or water fog.  |
| <b>Unsuitable extinguishing media</b>                        | None known.   |
| <b>Protection of firefighters</b>                            |   |
| <b>Specific hazards arising from the chemical</b>            | Fire or high temperatures create: Carbon oxides. Nitrogen oxides. Metal oxides.   |
| <b>Protective equipment and precautions for firefighters</b> | Self-contained breathing apparatus and full protective clothing must be worn in case of fire.   |
| <b>Specific methods</b>                                      | Move container from fire area if it can be done without risk. Prevent runoff from fire control or dilution from entering streams, sewers, or drinking water supply. |

## 6. Accidental Release Measures

|                                  |  |
|----------------------------------|--|
| <b>Personal precautions</b>      | Keep unnecessary personnel away. Local authorities should be advised if significant spillages cannot be contained. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering. Avoid inhalation of vapors and contact with skin and eyes. Wear protective clothing as described in Section 8 of this MSDS.  |
| <b>Environmental precautions</b> | Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground.   |
| <b>Methods for cleaning up</b>   | <p>Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Following product recovery, flush area with water.</p> <p>Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.</p> <p>Never return spills in original containers for re-use. This material and its container must be disposed of as hazardous waste.</p> |
| <b>Other information</b>         | Clean up in accordance with all applicable regulations. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal.   |

## 7. Handling and Storage

|                 |   |
|-----------------|---|
| <b>Handling</b> | Use Personal Protective Equipment recommended in section 8 of the MSDS. Eating, drinking, and smoking should be prohibited in areas where this material is handled, stored, and processed. Persons with epoxy allergy should not work with this product. Avoid inhalation of vapors and contact with skin, eyes and clothing. Avoid release to the environment. Provide adequate ventilation. In case of inadequate ventilation, use respiratory protection. Good personal hygiene is necessary. Wash hands and contaminated areas with water and soap before leaving the work site. Do not reuse this container. "Empty" containers retain product residue (liquid or vapor) and can be dangerous. |
|-----------------|---|



**Storage**

Store in accordance with local, regional, national, and international regulations. Store in tightly closed original container in a dry, cool and well-ventilated place. Protect from direct sunlight. Store away from incompatible materials. Keep away from food, drink and animal feeding stuffs. Do not store in unlabelled containers. Keep container tightly closed and in a well-ventilated place. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Use appropriate container to avoid environmental contamination. Store at temperature below 49°C.

**8. Exposure Controls / Personal Protection****Occupational exposure limits****US. ACGIH Threshold Limit Values**

| Components                        | Type | Value                 |
|-----------------------------------|------|-----------------------|
| Dibutyltin dilaurate<br>(77-58-7) | STEL | 0.2 mg/m <sup>3</sup> |
|                                   | TWA  | 0.1 mg/m <sup>3</sup> |

**US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)**

| Components                        | Type | Value                 |
|-----------------------------------|------|-----------------------|
| Dibutyltin dilaurate<br>(77-58-7) | PEL  | 0.1 mg/m <sup>3</sup> |

**Engineering controls**

Ensure adequate ventilation, especially in confined areas. Provide easy access to water supply and eye wash facilities.

**Personal protective equipment****Eye / face protection**

Chemical goggles are recommended.

**Skin protection**

Wear protective gloves. Butyl rubber gloves are recommended. Wear suitable protective clothing.

**Respiratory protection**

When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. Use a properly fitted, particulate filter respirator complying with an approved standard if a risk assessment indicates this is necessary.

**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.

**9. Physical & Chemical Properties**

|   |                    |
|---|--------------------|
| <b>Appearance</b>                                     | Transparent liquid |
| <b>Color</b>  | Clear.             |
| <b>Odor</b>   | Slight ammonia.    |
| <b>Odor threshold</b>                                 | Not available.     |
| <b>Physical state</b>                                 | Liquid.            |
| <b>Form</b>   | Liquid.            |
| <b>pH</b>   | Not available.     |
| <b>Melting point</b>                                  | Not available.     |
| <b>Freezing point</b>                                 | Not available.     |
| <b>Boiling point</b>                                  | Not available.     |
| <b>Flash point</b>                                    | Not available.     |
| <b>Evaporation rate</b>                               | Not available.     |
| <b>Flammability limits in air, upper, % by volume</b> | Not available.     |
| <b>Flammability limits in air, lower, % by volume</b> | Not available.     |
| <b>Vapor pressure</b>                                 | Not available.     |
| <b>Vapor density</b>                                  | Not available.     |
| <b>Specific gravity</b>                               | Not available.     |
| <b>Solubility (water)</b>                             | Not available.     |
| <b>Partition coefficient (n-octanol/water)</b>        | Not available.     |
| <b>Auto-ignition temperature</b>                      | Not available.     |

**Decomposition temperature** Not available.  
**VOC** < 99 g/l

## 10. Chemical Stability & Reactivity Information

**Chemical stability** Stable at normal conditions.  
**Conditions to avoid** Keep away from heat, sparks, and flame.  
**Incompatible materials** Peroxides. Oxidizing agents. Acids. Alcohols. Reducing agents. Bases.  
**Hazardous decomposition products** None expected under normal conditions of use.  
**Possibility of hazardous reactions** Hazardous polymerization does not occur.

## 11. Toxicological Information

**Acute effects** Irritating to eyes and skin. Material generates methanol on contact with water or moisture in eye, skin and mucous membranes and has an irritating dehydrating effect on overexposed tissue.  
**Local effects** Harmful if swallowed. Components of the product may be absorbed into the body through the skin. Contact may irritate or burn eyes. May cause sensitization by skin contact.

### US ACGIH Threshold Limit Values: Skin designation

Dibutyltin dilaurate (CAS 77-58-7) Can be absorbed through the skin.

**Sensitization** May cause sensitization by skin contact.  
**Chronic effects** Prolonged exposure may cause chronic effects.  
**Carcinogenicity** No data available.

### ACGIH Carcinogens

Dibutyltin dilaurate (CAS 77-58-7) A4 Not classifiable as a human carcinogen.

**Mutagenicity** No data available.  
**Symptoms and target organs** Skin irritation. Irritation of eyes and mucous membranes.

## 12. Ecological Information

**Ecotoxicity** Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
**Persistence and degradability** No data is available on the degradability of this product.  
**Bioaccumulation / Accumulation** Not available.  
**Mobility in environmental media** Not available.  
**Partition coefficient (n-octanol/water)** Not available.

## 13. Disposal Considerations

**Waste from residues / unused products** Do not allow this material to drain into sewers/water supplies. Dispose in accordance with all applicable regulations.  
**Contaminated packaging** Empty containers should be taken to an approved waste handling site for recycling or disposal.

## 14. Transport Information

### DOT

#### Basic shipping requirements:

**UN number** UN3082  
**Proper shipping name** Environmentally hazardous substances, liquid, n.o.s. (Dibutyltin dilaurate)  
**Hazard class** 9  
**Packing group** III  
**Environmental hazards**  
**Marine pollutant** Yes  
**Labels required** 9

#### Additional information:

**Special provisions** 8, 146, 335, IB3, T4, TP1, TP29  
**Packaging exceptions** 155

**Packaging non bulk** 203  
**Packaging bulk** 241

**IATA**

**Basic shipping requirements:**

**UN number** UN3082  
**Proper shipping name** Environmentally hazardous substance, liquid, n.o.s. (Dibutyltin dilaurate)  
**Hazard class** 9  
**Packing group** III  
**Environmental hazards**  
**Marine pollutant** Yes  
**Additional information:**  
**ERG code** 9L

**IMDG**

**Basic shipping requirements:**

**UN number** UN3082  
**Proper shipping name** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Dibutyltin dilaurate)  
**Hazard class** 9  
**Packing group** III  
**Environmental hazards**  
**Marine pollutant** Yes  
**EmS No.** F-A, S-F

**15. Regulatory Information**

**US federal regulations** This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.  
 All components are on the U.S. EPA TSCA Inventory List.  
 CERCLA/SARA Hazardous Substances - Not applicable.

**TSCA Section 12(b) Export Notification(40 CFR 707, Subpt. D)**  
 Not regulated.

**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 - No  
 Fire Hazard - No  
 Pressure Hazard - No  
 Reactivity Hazard - No

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

**Section 311/312 (40 CFR 370)** Yes

**Inventory status**

| Country(s) or region | Inventory name   | On inventory (yes/no)* |
|----------------------|--|------------------------|
| Australia            | Australian Inventory of Chemical Substances (AICS)                     | No                     |
| Canada               | Domestic Substances List (DSL)   | No                     |
| Canada               | Non-Domestic Substances List (NDSL)                                    | Yes                    |
| China                | Inventory of Existing Chemical Substances in China (IECSC)             | Yes                    |
| Europe               | European Inventory of Existing Commercial Chemical Substances (EINECS) | Yes                    |
| Europe               | European List of Notified Chemical Substances (ELINCS)                 | No                     |
| Japan                | Inventory of Existing and New Chemical Substances (ENCS)               | No                     |
| Korea                | Existing Chemicals List (ECL)  | Yes                    |
| New Zealand          | New Zealand Inventory  | No                     |

| <b>Country(s) or region</b> | <b>Inventory name</b>   | <b>On inventory (yes/no)*</b> |
|-----------------------------|---|-------------------------------|
| Philippines                 | Philippine Inventory of Chemicals and Chemical Substances (PICCS) | No                            |

|                             |   |     |
|-----------------------------|---|-----|
| United States & Puerto Rico | Toxic Substances Control Act (TSCA) Inventory | Yes |
|-----------------------------|---|-----|

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

**State regulations** This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

**US - California Hazardous Substances (Director's): Listed substance**

Dibutyltin dilaurate (CAS 77-58-7) Listed.

## 16. Other Information

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

**HMIS® ratings**  
Health: 2  
Flammability: 0  
Physical hazard: 0

**NFPA ratings**  
Health: 2  
Flammability: 0  
Instability: 0

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

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