

# MATERIAL SAFETY DATA SHEET

## 1. Product and Company Identification

**Material name** IdeaPaint CREATE - Part B (THIS)  
**Version #** 01  
**Issue date** 09-14-2012  
**Revision date** -  
**Supersedes date** -  
**CAS #** Mixture  
**Product code** CREATE- part B (THIS)  
**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.  
**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** 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-<5.0

**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. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device.
<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>Fire fighting equipment/instructions</b>	Move containers from fire area if you can do it without risk. Prevent runoff from fire control or dilution from entering streams, sewers, or drinking water supply. 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.
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**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 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
Dibutyltin dilaurate (CAS 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 (CAS 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>Physical state</b>	Liquid.
<b>Form</b>	Liquid.
<b>Color</b>	Clear.
<b>Odor</b>	Slight ammonia.
<b>Odor threshold</b>	Not available.
<b>pH</b>	10 (20 °C)
<b>Vapor pressure</b>	< 1.5 hPa
<b>Vapor density</b>	Not available.
<b>Boiling point</b>	> 284 °F (> 140 °C)
<b>Melting point/Freezing point</b>	Not available. / Do not allow to freeze.
<b>Solubility (water)</b>	Insoluble. Decomposition by hydrolysis.
<b>Specific gravity</b>	0.99 g/cm <sup>3</sup> (8.30 lbs/gal)
<b>Flash point</b>	> 200 °F (> 93.3 °C)
<b>Flammability limits in air, upper, % by volume</b>	Not available.
<b>Flammability limits in air, lower, % by volume</b>	Not available.
<b>Auto-ignition temperature</b>	> 500 °F (> 260 °C)
<b>VOC</b>	< 100 g/l
<b>Evaporation rate</b>	Not available.

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

## 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

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

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

**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.

**Partition coefficient** Not available.

Dibutyltin dilaurate 3.12

**Mobility in environmental media** 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), MARINE POLLUTANT

**Hazard class** 9

**Packing group** III

#### Environmental hazards

**Marine pollutant** Yes

#### Additional information:

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

**Packaging exceptions** 155

**Packaging non bulk** 203

**Packaging bulk** 241

**IATA**

**UN number** UN3082  
**UN proper shipping name** Environmentally hazardous substance, liquid, n.o.s. (Dibutyltin dilaurate)  
**Transport hazard class(es)** 9  
**Packing group** III  
**Environmental hazards** Yes  
**ERG code** 9L

**IMDG**

**UN number** UN3082  
**UN proper shipping name** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Dibutyltin dilaurate), MARINE POLLUTANT  
**Transport hazard class(es)** 9  
**Packing group** III  
**Environmental hazards**  
**Marine pollutant** Yes  
**EmS No.** F-A, S-F  
**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not applicable.

**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.

**Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List**

Not regulated.

**CERCLA (Superfund) reportable quantity**

None

**Superfund Amendments and Reauthorization Act of 1986 (SARA)**

**Hazard categories** Immediate Hazard - Yes  
 Delayed Hazard - No  
 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**

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

Country(s) or region	Inventory name	On inventory (yes/no)*
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

\*A "Yes" indicates this product complies 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.

**US. Massachusetts RTK - Substance List**

Not regulated.

**US. New Jersey Worker and Community Right-to-Know Act**

Not regulated.

**US. Pennsylvania RTK - Hazardous Substances**

Not regulated.

**16. Other Information**

**Further information**

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

**HMIS® ratings**

Health: 2  
 Flammability: 2  
 Physical hazard: 0

**NFPA ratings**

Health: 2  
 Flammability: 2  
 Instability: 0

**Disclaimer**

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