

**Coatings2Go**

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**Emergency Assistance**

For emergency assistance involving this product call – 978-369-7411.

**Section 1: Product Identification**

**Product Name:** Primer 5-017  
**MSDS #:** 1030  
**Date Issued:** September 23, 2009  
**Original**  **Update**   
**Reason For Change:**

**Section 2: Hazardous Ingredients**

<b>Hazardous Ingredients</b>	<b>CAS Number</b>	<b>OSHA PEL</b> (Permissible exposure limit)	<b>ACGIH TLV</b> (Threshold limit value)	<b>% By Weight</b>	<b>EU Symbol/ Classifications</b>
Triethylamine	121-44-8	25 ppm (skin)	1 ppm (skin)	0.1-2.0	Xi; R36/37/38

**Note:** All health hazard components above 1% composition and all carcinogens above 0.1% (1000 ppm) composition are listed.

**Section 3: Hazard Identification**

**EMERGENCY OVERVIEW:** WARNING! This product is HAZARDOUS by OSHA Hazard Communication definition. May cause skin, eye and respiratory tract irritation. Risk of effects depends on duration and level of exposure.

**Hazard Rating:** NFPA

HMIS

**Hazard Rating Scale:**

**Health:** 1\*  
**Flammability:** 0  
**Reactivity:** 0  
**PPE:** B

**0= Minimal**  
**1= Slight**  
**2= Moderate**  
**3= Serious**  
**4= Severe**

*Note: NFPA and HMIS ratings involve data and interpretations that may vary from company to company. They are intended only for rapid, general identification of the specific hazard. To deal adequately with the safe handling of this, or any, material, all the information in the MSDS must be considered and interpreted by a trained professional.*

**Potential Health Effects:**

This material has **not been** tested as a whole. The data contained below is based on the properties of the individual components.

This material has been tested as a whole. The data below is based on the properties of the mixture.

**Main Routes of Exposure:**

Inhalation  Ingestion  
 Skin Absorption  Skin or Eye Contact

**Effects of Acute (Immediate) Exposure:**

Eye Contact ..... May cause eye irritation.

Ingestion..... No particular hazards.

Inhalation..... Vapors and/or aerosols will probably irritate mucous

membranes, eyes, nose and respiratory passages.

Skin Contact..... Skin irritant. Prolonged contact can cause de-fatting of skin rendering it susceptible to irritation by other substances.

Effects of Chronic Exposure..... Triethylamine: May cause effects on the liver, kidney, heart and exposure to vapor may cause temporary blurred vision.

**Medical Conditions Aggravated by Exposure :**

Any pre-existing disorders or diseases of the respiratory system, skin and eyes.

**Target Organs Affected:**

Respiratory system, skin and eyes

**The components of this material are considered Carcinogenic by:**

**Not Known**

**National Toxicology Program (NTP)**

**The International Agency for Research on Cancer (IARC)**

**The Occupational Health and Safety Administration (OSHA)**

**Section 4: First Aid Measures**

Eye Contact..... In case of contact, immediately flush eyes with plenty of water for at least 15 minutes, holding eyelids open to rinse completely. Get medical aid.

Ingestion..... DO NOT INDUCE VOMITING. Potential for aspiration if swallowed. Give plenty of water to drink. Get medical aid immediately. Never give anything by mouth to an unconscious person.

Inhalation..... If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.

Skin Contact..... In case of contact, flush skin with plenty of soap and water. Remove contaminated clothing and shoes. Get medical aid if irritation, redness, swelling or skin pain develops and persists. Wash clothing before re-use.

**\*\* Note to the Physician:**..... None.

**Section 5: Fire Fighting Measures**

Flash Point Deg. C  F  200°F (93.33°C)

Auto – Ignition Temperature..... Not determined

Upper Flammable Limit (% Vol)..... Not determined

Lower Flammable Limit (% Vol)..... Not determined

Extinguishing Media..... Use water spray, dry chemical, carbon dioxide, halogenated

agents or foam. Cool containers with water until well after the fire is out.

Hazardous Combustion Products..... Oxides of carbon and nitrogen and other toxic vapors.  
Material will not support combustion unless the water had evaporated.

**General Information:**

Firefighters should wear full protective equipment and positive pressure self-contained breathing apparatus in pressure-demand mode. Vapors may form an explosive mixture with air. Vapors are heavier than air and may travel to a source of ignition and flash back. Vapors can spread along the ground and collect in low areas. Use water spray to cool fire-exposed container surfaces.

**Section 6: Accidental Release Measures**

Spill / Leak..... Use proper personal protective equipment as indicated in Section 8. Stop flow of material. Absorb with inert material (e.g. "speedy-dry", sand, earth or other suitable absorbent), then place into a suitable container. Clean up spills immediately. Provide ventilation. Prevent from entering floor drains or sewers. Do not release any chemicals of any type to sewers or any waterways without proper authorization from government agencies. Make appropriate notifications as required.

**Section 7: Handling and Storage**

Handling Procedures..... Maintain good personal hygiene. This product, which contains and aqueous dispersion of a polymer, may be difficult to remove without injuring the skin if allowed to dry. Wash hands and face thoroughly after handling, and before eating, drinking or using tobacco products. Remove contaminated clothing and wash before re-use. Avoid contact with eyes, skin and clothing. Keep containers tightly closed. Use only with adequate ventilation. Avoid breathing vapor or mist.

Storage Needs..... Observe local regulations. Store in a cool (<150°F), dry, well-ventilated area away from incompatible materials. Keep containers closed when not in use. Keep away from direct sunlight, heat, sparks or open flames. Keep from freezing.

**Section 8: Exposure Controls / Personal Protection**

When selecting personal protective equipment and clothing, follow all manufacturer specifications and recommendations that apply to your specific operations and processing conditions. Take into consideration all working conditions and all chemicals to be handled or processed.

Eye / Type..... Wear splash-proof chemical safety goggles. Contact lenses should not be worn when working with chemicals.

Respiratory /Type..... A half-face or full-face NIOSH-approved respirator with organic vapor cartridge is recommended where exposures exceed TLV.

Gloves / Type..... Wear chemical resistant gloves such as butyl rubber or nitrile.

Clothing / Type..... Wear long sleeved garment such as a lab coat to prevent skin exposure. Wear impervious apron.

Other / Type..... Facilities using or storing this product should be equipped

with an eyewash facility and safety shower within 100 feet from work area.

Ventilation Requirements..... No ACGIH TLV or OSHA PEL is assigned to this mixture. Local exhaust ventilation is required to keep exposures below TLV. Minimize exposure in accordance with good hygiene practices.

### Section 9: Physical and Chemical Properties

Appearance/Odor.....	Blue/white liquid, amine odor
Specific Gravity.....	1.06
Vapor Pressure .....	Not determined
Vapor Density .....	Not determined
Evaporation Rate.....	Not determined
Boiling Point .....	> 192°F (89°C)
Solubility in Water (%W/W).....	Dispersible
Freezing Point (deg. C <input type="checkbox"/> F <input type="checkbox"/> ).....	Not determined
Melting Point (deg. C <input type="checkbox"/> F <input type="checkbox"/> ).....	Not determined

### Section 10: Stability and Reactivity

Hazardous Polymerization.....	Will not occur
Stability.....	Stable under normal conditions
Incompatibility.....	Strong oxidizing agents
Conditions to Avoid.....	Ignition sources, excess heat
Hazardous Products of Decomposition....	Oxides of carbon and nitrogen

### Section 11: Toxicology Information

Irritancy of Material.....	May cause skin, eye and respiratory tract irritation.
Sensitizing Capability of Material.....	Not known
Carcinogenicity of Material.....	See Section 3
Teratogenicity .....	Not known.
Mutagenicity.....	Not known
Reproductive Effects.....	Not known
Synergistic Materials.....	Not known
Repeated dose toxicity.....	Exposure to triethylamine may cause minor transient blurring of vision against a general bluish haze and the appearance of halos around bright objects. The effect disappears spontaneously within a few hours of the end of an exposure.

Animal studies showed that repeated or prolonged exposure caused kidney and liver damage at 50 ppm. Heart tissue was affected at 100 ppm.

#### Section 12: Ecology Information

Environmental..... Volatile and water-soluble.  
Biodegradability..... Not known

#### Section 13: Disposal Considerations

Waste Disposal (RCRA) ..... Waste generators must consult with federal, state and local hazardous waste regulations to ensure complete and accurate classification.

Empty containers retain product residue. Observe all hazard precautions. Do not distribute, make available, furnish or reuse empty containers except for storage and shipment of original product. Remove all product residue from container and puncture or otherwise destroy empty container before disposal.

#### Section 14: Transport Information

U. N. # ..... Not regulated  
D.O.T. Classification ..... Not regulated

#### Section 15: Regulatory Information

- TSCA**  Components of this product are listed on the TSCA Inventory of Chemical Substances.
- CERCLA**  Triethylamine: 5000 pounds
- SARA TITLE III**  This product is considered, under applicable definitions, to meet the following categories:  
Section 311/312:  
Immediate/acute health hazard, delayed/chronic health hazard  
  
Section 313:  
This product contains a toxic chemical(s) for routine annual toxic chemical release reporting under Section 313 (40 CFR 372). This information must be included in all MSDSs copied or distributed for this material:  
Triethylamine - 0.9%
- CALIFORNIA PROPOSITION 65**  This product contains a chemical known to the state of California to cause cancer.
- CANADA**  Domestic Substances List:  
All ingredients are on DSL  
  
WHMIS Ingredient Disclosure List:  
This is not a controlled product in Canada. This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.

EUROPEAN INFORMATION Xi Irritating

R36/37/38 Irritating to eyes, respiratory system and skin.

**Section 16: Other Information**

**The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. This information is based on the material as manufactured; it may not be valid for this material if used in combination with any other materials or in any process. Surface Solutions Labs/Coatings2Go shall not be held liable for any damage resulting from handling or from contact with the product(s).**