

**SAFETY DATA SHEET**  
Trade Name: InstaCote ML-2, Resin Part "B"

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**Section 1 – Product and Company Identification:**

Product Name: InstaCote ML-2, aromatic polyamine/polyoxyalkyleneamine,  
Resin Part "B"  
Multiple Parts (Yes/No): Yes  
Proprietary (Yes/No): Yes

Manufactured by:

INSTACOTE, INC.  
160 C Lavoy Rd.  
Erie, MI 48133  
Phone (734) 847-5260 Fax (743) 847-9008  
Emergency Phone (800) 359-2783

Validation date: January 1, 2013

**Section 2– Hazard Identification:**

Physical state: Liquid  
Color: various  
Odor: Ammoniacal  
OSAH/HCS status: This material is classified as hazardous under OSHA Hazard  
Communication Standard (29 CFR 1910.1200)

Emergency overview: WARNING!

Primary Routes of Exposure: Ingestion and Inhalation. Ingestion of product will cause irritation of the mouth, pharynx, esophagus and stomach. Breathing atomized vapors may cause headaches, nausea, irritation of the nose throat and lungs. Chronic exposure effects: none reported. Carcinogenicity: Not listed as a carcinogen by NTP, IARC nor regulated by OSHA. Medical conditions aggravated by exposure: none known.

Hazard Info (US) **Health-4** **Fire-2** **Reactivity-1** **Special- None**  
Scale 4 = extreme, 3 = high, 2 = moderate, 1 = insignificant

GENERAL INFORMATION: Read this entire MSDS for a more thorough evaluation of the hazards.

**Section 3– Composition/Information on Ingredients:**

Name	CAS Number	Weight %
Aromatic Amine mixture	Trade secret	40-50%
Polyoxyalkyleneamine	9046-10-0	20-30%
Diethyltoluene diamine	68479-98-1	10%
Pigment	various	20%

#### **Section 4– First Aid Measures:**

Eye Contact: Flush eyes with a large amount of water for at least 15 minutes. Consult a physician if irritation persists.

Skin Contact: Expected to be toxic by dermal absorption. Remove contaminated clothing. Wash area with soap and water. Wash clothing prior to re-use.

Ingestion: May cause digestive tract irritation and respiratory tract irritation, lung damage upon aspiration. Never give anything by mouth to an unconscious person. Seek immediate medical assistance.

Inhalation: May cause respiratory tract irritation (pulmonary edema), coughing and chest pain. Move individual to fresh air. Consult a Physician. If breathing becomes labored, administer O<sub>2</sub>.

#### **Section 5– Fire-Fighting Measures:**

Flash Point: >275°F

Flammable Limits: Upper: Not Established Lower: Not Established

Combustion products: Carbon oxides (CO, CO<sub>2</sub>), nitrogen oxides (NO, NO<sub>2</sub>, etc.) hydrocarbons and HCN.

Extinguishing Media: Dry chemical, foam, CO<sub>2</sub> and water fog. Do not spray water into hot material; use water fog to cool surrounding fire.

Special Fire Fighting Precautions: None

Special Remarks: None

#### **Section 6– Accidental Release Measures:**

Spills/Leaks: Ventilate area and eliminate all sources of ignition. Wear appropriate protective gear (see section 8), contain spill, salvage, and clean up residue with absorbent material.

Disposal Method: Dispose in accordance with federal, state and /or local regulations. Landfill if solid, incinerate at agency approved waste-disposal facility (see section 13).

#### **Section 7– Handling and Storage:**

Handling: Put on appropriate personal protective equipment (see section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Avoid breathing vapor or mist. Never reuse an empty container due to residual chemical content. Decontaminate container prior to disposal. Do not heat, torch cut, weld or otherwise apply extreme heat to the metal container. Residual chemical will decompose to produce harmful vapors.

Storage: Store at temperatures between 0°C (32°F) and 50°C (122°F). Insure drum closure to be tight. Store product in a dry environment away from strong oxidizing agents. Protect product from extreme temperatures. Material is hygroscopic and may absorb atmospheric moisture/water.

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

**Consult local authorities for acceptable exposure limits.**

- Ventilation: Ventilation is recommended. Air movement must be designed to insure turnover at all locations in work area to avoid build-up of heavy vapors.
- PPE: DO NOT WEAR CONTACT LENSES when working with this product. Wear chemical goggles/safety glasses with side shields and rubber/nitrile gloves. Selection of items such as boots and apron will depend on the experience of the operator. Respirators are not required with the use of this product alone. Refer to the MSDS of the related component for this product. Wear respirator protection whenever a mist is generated such as spray application. Spray application in confined spaces, closed rooms, or tanks are areas where mist generation will exceed TLV or TWA. Refer to OSHA CFR29 1910.134 for recommended respiratory protection.

## **Section 9 – Physical and Chemical Properties:**

- Appearance: Liquid  
Color: various  
Odor: Ammoniacal  
Boiling Point: N/A,  
Flash point: >275°F  
Lower explosion limit:N/A  
Upper explosion limit:N/A  
pH: N/A  
Freezing point: N/A  
Specific Gravity: 1.014 @ 20°C (69°F)  
Vapor Pressure: N/A  
Water Solubility: <10% by wt. @ 69°F  
Autoignition temp: N/A  
Viscosity, dynamic: 600-900 cps@ 25°C (77.0°F)  
Evaporation Rate: NA  
Bulk density: 8.7 lb/gal

## **Section 10 – Stability and Reactivity:**

- Stability/reactivity: Stable at room temperature.  
Instability: Avoid high temperatures.  
Materials to Avoid: Nitrites, acids and strong oxidizing agents.  
Hazardous Polymerization:  
Does not occur  
Hazardous Decomposition Products:  
By fire and thermal decomposition: Carbon Oxides, Nitrogen Oxides, Amines, other aliphatic fragments which have not been determined. Ammonia gas may be liberated at high temperatures.

**Section 11 – Toxicological Information:**

Toxicology data: N/A

**Section 12 – Ecological Information:**

Biodegradation: not readily biodegradable.

**Section 13 – Disposal Consideration:**

Disposal Method: Dispose in accordance with federal, state and /or local regulations. Landfill if solid, incinerate at agency approved waste-disposal facility.

Empty container precaution:

Never reuse an empty container due to residual chemical content. Decontaminate container prior to disposal. Do not heat, torch cut, weld or otherwise apply extreme heat to the metal container. Residual chemical will decompose to produce harmful vapors.

**Section 14– Transportation Information:**

Regulatory information	UN number	Proper shipping name	Class	PG	Additional information
DOT-classification	NA1719	Other regulated Substances, liquid, N.O.S.	8	III	
IMDG-classification	NA1719	Other regulated Substances, liquid, N.O.S.	8	III	
IATA-classification	NA1719	Other regulated Substances, liquid, N.O.S.	8	III	

**Section 15– Regulatory information:**

OSHA Hazcom Standard Rating: Hazardous

Us. Toxic Substances Control Act: Listed on the TSCA Inventory

US. EPA CERCLA Hazardous Substances (40 CFR 302)

Components: None

SARA Section 311/312 Hazard Categories:

Acute health hazard, chronic health hazard, reactivity hazard

US. EPA emergency planning and community right-to-know act (EPCRA) SARA Title III sections; 302 Extremely hazardous Substance and 313 Toxic chemicals;

Components: none

SAFETY DATA SHEET  
ML-2, Part "B"  
January 1, 2013

US. EPA Resources conservation and recovery act (40CFR 261.20-24)

Massachusetts, New Jersey, Pennsylvania right to know (see section 3)

Name	CAS Number	Weight %
Diethyltoluene diamine	68479-98-1	10%

California Prop. 65:

To best of our knowledge, this product does not contain any of the listed chemicals , which the state of California has found to cause cancer, birth defects or other reproductive harm.

**Section 16– Other Information:**

These products are therefore recommended only for use in industrial or trade (commercial) applications. They are not suitable for use in Do-it-yourself applications.

Contact person: Thomas J. Nachtman  
Telephone: 734-847-5260  
MSDS Number: ML-2 Resin  
Version Date: 1/01/13  
Report Version: 1.1

This version replaces all previous versions.

**END**