

## MATERIAL SAFETY DATA SHEET

Trade Name: InstaCote GRP-45 RESIN PART "B"

---

### Section I -General Information

Item Name: GRP-45 Resin Part "B"

Manufacture: **InstaCote, Inc.**

160 C. Lavoy Road

Erie, MI 48133

Date MSDS Prepared: April 25, 2007

Last Review Date: April 9, 2012

MSDS Preparer's Name: Thomas J. Nachtman

Product Description: Liquid aromatic polyamine/polyoxyalkyleneamine with an ammoniacal odor and of various colors

Multiple Part Product (Y/N): Y

Proprietary (Y/N): Y

### Section II – Hazardous Ingredient/Identity Information

<u>Ingredient</u>	<u>CAS #</u>	<u>Exposure Limits (TWA)</u>
Aromatic Amine mixture	Proprietary	None established
Polyoxyalkyleneamine	9046-10-0	None established
Diethyltoluenediamine	68479-98-1	None established

Various pigments, UV stabilizers and or dyes can be present

\*Product is listed or hazardous according to one or more state Right to Know (SARA III) or federal Toxic Chemical Release Inventory, or Toxic Substance Control Act Laws.

### Section III Physical/Chemical Characteristics

Appearance and Odor:	Colored, viscous liquid with ammoniacal odor
Boiling Point:	Not Determined
Melting Point:	Not Determined
Vapor Pressure:	Not Determined
Vapor Density:	Not Determined
Specific Gravity:	1.014 @ 69°F
Evaporation Rate:	<0.001% @ 69°F
Solubility (H <sub>2</sub> O):	<10% by wt. @ 69°F
Percent Volatiles by Volume:	<0.001%
Viscosity:	600 to 900 cP (Brookfield, #2 spindle @ 12rpm, @ 69°F)
pH:	Not applicable

#### **Section IV - Fire and Explosion Hazard Data**

Flash Point:	> 275°F, P.M.C.C.
Lower Explosive Limit:	Not established
Upper Explosive Limit:	Not established
Extinguishing Media/Methods:	Use dry chemical, CO <sub>2</sub> , AFFF (foam), or water.
Special Fire Fighting Precautions:	None
Unusual Fire/Explosive Hazards:	None

#### **Section V - Reactivity Data**

Stable (Y/N): Y  
Conditions to Avoid: None  
Materials to Avoid: Strong Acids and Oxidizing Agents.  
Hazardous Decomposition Products: Oxides of Carbon, Oxides of Nitrogen, ammonia, aldehydes and ketones and smoke as incomplete combustion products.

#### **Section VI - Health Hazard Data**

Routes of Entry:

Inhalation (Y/N): Y, May cause respiratory tract irritation (pulmonary edema), nasal discharge, coughing and chest pain. Prolonged exposure may result in permanent lung damage.

Skin (Y/N): Y, Product is expected to be somewhat toxic by dermal absorption.

Ingestion (Y/N): Y, May cause digestive tract irritation and respiratory tract irritation and lung damage upon aspiration.

Contact Eye/Skin Hazards: This product is highly corrosive and may cause severe burns, redness, swelling, and blistering upon direct contact.

Other: Y, Acute vapor exposure may temporarily cause hazy or blurred vision.

Carcinogenicity Data: No human carcinogenic data is available. Evidence of limited tumor growth in animals.

IARC Monographs on the Evaluation of the Carcinogenic: None available.

#### **First Aid Procedures:**

Gross Ingestion: If victim is conscious, give at least two glasses of water. Do not induce vomiting. Seek immediate medical attention. Physician should evacuate stomach by means least likely to cause aspiration.

Gross Inhalation: Move victim to fresh air environment. Seek immediate medical attention. Notify physician of corrosive nature of chemical.

Skin Contact - Wash affected areas with soap and water. Laundry soiled clothing before reuse.

Severe Eye Contact - Flush eyes with water for 15 minutes. Seek medical attention.

#### **Section VII - Precautions for Safe Handling and Use**

Personal Protective Equipment (Routine Use):

**Respiratory Protection:** In cases when excessive mists might be periodically created, use NIOSH/MSHA approved full or half face respirators with dust cartridges when pouring and mixing product.

**Gloves:** Recommend butyl rubber, or nitrile gloves.

**Eye Protection:** Safety goggles, face shields or safety glasses recommended.

**Other:** Recommend Tyvek suits or coveralls.

**Work Practices:** This product is to be used both outdoors and in enclosed environments with adequate respiratory and, or ventilation controls. Do not use in presence of flames or sparks.

**Ventilation:** If routine indoor use is required, or in the presence of excess mist generation, Local exhaust ventilation is recommended.

**Spill/Release Procedures:** Excess spilled product, if uncontaminated, may be cleaned and disposed of as ordinary waste. No special clean up procedures are recommended.

**Waste Disposal Procedures:** This material is not a listed hazardous waste, nor does it exhibit any hazardous waste characteristic.

**Storage/Handling Procedures:** Store product in a dry environment, away from strong acids and oxidizers. Keep material stored above 50°F if possible. Protect from moisture, store material inside.

### **Section VIII – Transportation Information**

DOT Classification: Caustic Alkali Liquids NOS (Polyoxpropylenediamine), 8  
UN 1719 PG III Class 55

End