

MATERIAL SAFETY DATA SHEET

Trade Name: InstaCote™ HA-100 Resin, Part "B"

Section I - General Information

Item Name: InstaCote™ HA 100 Resin, Part "B"

Manufacture: InstaCote, Inc.
160 C. Lavoy Road
Erie, MI 48133
Phone 734-847-5260
Fax 734-847-9008

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Last Review Date: February 28, 2011

MSDS Preparers Name/Address: Thomas J. Nachtman

Product Description: Liquid aliphatic polyamine/polyoxyalkyleneamine with
An ammoniacal odor of various colors

Multiple Part Product (Y/N): Y (ISO Part "A" is other half of this 2 part system)

Proprietary (Y/N): Y

Section II – Ingredient/Identity Information

<u>Ingredient</u>	<u>CAS #</u>	<u>Exposure Limits (TWA)</u>
Aromatic Amine mixture	Proprietary	Not established
Polyoxyalkyleneamine	9046-10-0	Not established
Isophorone diamine	2855-13-2	Not established

Various colored pigments 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, glossy 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: Not determined
Solubility (H₂O): <0.02% by wt. @ 69°F
Percent Volatiles by Volume: less than 0.001%
Viscosity: 400-500 cP (Brookfield, #2 spindle @ 12rpm, @ 69°F)
pH: Not applicable

Section IV - Fire and Explosion Hazard Data

Flash Point: > 275°F
Lower Explosive Limit: Not established
Upper Explosive Limit: Not established
Extinguishing Media/Methods: Use dry chemical, CO₂, 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: Do not mix with nitrites, May react violently with acids.
Hazardous Decomposition Products: Oxides of Carbon, Oxides of Nitrogen, ammonia, aldehydes and ketones

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 toxic by dermal absorption.
Ingestion (Y/N): Y, May cause digestive tract irritation and respiratory tract irritation and lung damage upon aspiration.
Other: Y, Acute vapor exposure may temporarily cause hazy or blurred vision.

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

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 latex, butyl rubber, or nitrile gloves.

Eye Protection: Safety goggles or 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.

Neutralization Procedures:

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.

Section VIII – Transportation Information

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

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