

**Material Safety Data Sheet
Liquid Adhesive
Page 1**

Product Code: #1 - 237 Resist

Date: 8/25/22

HMIS CODES: HFRP, 100A

Supplier' Name:

Section I Manufacturer Identification

Dharma Trading Company 1805 South McDowell
Blvd. Ext. Petaluma, CA 94954 USA

Reportable Components: NA

CAS Number: Proprietary

Section II Hazardous Ingredients / SARA III Information

Vapor Pressure Weight: NA

MM HG @ Temp.: NA

Percent: NA

*** No reportable hazardous quantities are present***

*** No toxic chemical(s) subject to the reporting requirements of section 313 of title III and of 40 CFR 372 are present***
N/A

Section III Physical / Chemical Characteristics

Boiling Range: 212F

Vapor Density: N/A

Auto-Ignition: N/A

Appearance and odor: translucent with mild odor

Specific Gravity: (H₂O=1): 1.1

Evaporation Rate: N/A

Solubility in water: 100%

Section IV Fire and Explosion Hazard Data

Flash Point: >212 F

Flammable limits in by volume -- Lower N/A Upper N/A

Extinguishing Media: Foam, Alcohol Foam, Co₂, Dry Chemical, Water Fog

Method used: COC

Special Firefighting Procedures: Self contained breathing apparatus and protective clothing should be worn on fighting fires involving chemicals.

Unusual Firefighting and Explosion Hazards: None

Section V Reactivity Data

Stability: Stable

Conditions to avoid: Product is stable in most environments. Some coagulation may occur following freezing. Thawing, boiling.

Incompatibility (Materials to avoid): Product will react violently with alkali or water sensitive material such as sulfuric acid or alkali metals (eg.) Sodium)

Hazardous Decomposition or Byproducts: Burning material will liberate carbon dioxide and carbon monoxide

Hazardous Polymerization: Will not occur

Section VI Health Hazard Data

Inhalation Health Risks and Symptoms of Exposure: Oxygen deprivation may result if adhesive fumes are inhaled in a concentrated form. Remove person to fresh air. If not breathing, give artificial respiration and seek immediate medical attention.

Skin and Eye Contact Health Risks and Symptoms of Exposure: Prolonged exposure may cause reddening and/or transient irritation. Wash with water until no material remains. Immediately remove soaked clothing and launder. If irritation persists seek medical attention.

Ingestion Health Risks and Symptoms of Exposure: There are no known clinical symptoms of ingestion. Intentional contact With material to mouth is not recommended. This product is acidic.

Material Safety Data Sheet
#1 -237 Resist
Page 2

Section VI Health Hazard Data, Continued

Health Hazards (Acute or Chronic): The principle volatile component is water.

Carcinogen city: NTP Carcinogen: No IARC Monographs: No OSHA Regulated: No

Medical Conditions generally aggravated by exposure: None known

Emergency and first aid procedures: SKIN – Wash skin thoroughly with soap and water. Contact physician if irritation or redness develops. EYE – Flush with copious amounts of potable water and seek medical assistance. INGESTION – Ingested material SHOULD NOT BE removed from the stomach by vomiting or aspiration. Call physician immediately.

Section VII Precautions for safe handling and use

Steps to be taken in case material is released or spilled: Dam to prevent spreading. Mop up or absorb inert material and place in containers.

Waste Disposal Method: CAUTION! – Polymer based materials are slippery in large amounts on non-porous surfaces. For small spills (less than 100 gallons) dilute 50 to 100 fold with water and flush into industrial sewer system. WARNING! For large spills notify local sewer authority before discharging. For very large spills, place in settling pond, place solids in appropriate landfill.

Precautions to be taken in handling and storing: Safety goggles or safety glasses with side shields and gloves are recommended when handling this product. See previous section for specific health and fire hazard information and protective measures.

Other precautions: Normal plant cleanliness should be observed. Store in a cool place. Avoid storing below 45 F and above 90 F. Rotate stock. Use oldest material first. Keep containers covered to prevent water evaporation, contamination with airborne microorganisms that cause decomposition, mold growth or dust which may cause application problems. This product meets the compositional requirements of Indirect Food Additives Regulation 21 CFR 175.105 "Adhesives".

Section VIII Control Measures

Respiratory Protection: Normal plant ventilation should be adequate.

Ventilation: Provide sufficient mechanical ventilation (general or local exhaust) to maintain exposure levels below threshold limit values.

Protective Gloves: Prolonged exposure to dry film may cause drying or chapping of the skin. No gloves are needed under normal conditions.

Eye Protection: Always use goggles or safety glasses with side shields when handling this product.

Additional Information: Independent Adhesives & Coatings, LLC. has compiled this information and recommendations contained in this Material Safety Data Sheet from sources believed to be reliable and to represent the most reasonable current opinion on the subject when the MSDS was prepared. No Warranty, guaranty or representation is made as to the correctness or sufficiency of the information. The user of this product must decide what safety measures are necessary to safely use this product, either alone or in combination with other products, and determine it's environmental regulatory compliance obligations under any applicable federal, state or local community laws.