



**FRANMAR CHEMICAL, INC.**

**105 East Lincoln #L, P.O. Box 97 Normal, IL 61761**

Telephone number for non-medical contact during regular

business hours

(309) 452-7526

Ver. 2.2 Revised 09/26/2002

... Health = 0 Flammability = 1 Reactivity = 0 Special = 0

... Certified pH Level 6.65 pH of 1/10 wt/wt solution in soft water

**Section 1 Identification**

Product Name: BEAN-e-doo® Mastic Remover  
 Chemicals: Fatty acids C16-18 and C18 unsaturated, Methyl Esters CAS #67762-38-3, and less than 3% total nonionic surfactants, CAS numbers 9016-45-9, 7311-27-5.  
 SARA Hazard: None noted (Section 311/312) Title III Section 313-Not listed. All ingredients are TSCA listed.

**Section 2 Hazardous Ingredients**

... Contains no hazardous ingredients

**Section 3 Physical Data**

Boiling Point: Over 600 degrees F  
 Vapor Pressure: Less than 5mm Hg at 72 degrees C  
 Specific Gravity: .91 at 25 degrees C  
 Solubility in Water: Emulsifiable  
 Appearance and Color: Water white to yellowish liquid  
 Melting Point: -1 degrees C, 30 degrees F  
 Evaporation Rate: Less than 1 (n-butyl acetate=1)

**Section 4 Fire & Explosion Hazard Data**

Flash Point & Method Used: 425 degrees F (218 degrees C) PMcc  
 Flammable Limits: Not established  
 Extinguishing Media: CO2, Dry Chemical for small fires, foam for large fires  
 Special Fire Fighting Procedures: Fire fighters should be equipped with self contained breathing apparatus and protective clothing.  
 Unusual Fire & Explosion Hazards: Rags soaked with any solvent can present a fire hazard and should be stored in UL listed or factory mutual approved covered containers. Improperly stored rags can create conditions that lead to oxidation> Oxidation, under certain conditions can lead to spontaneous combustion. This product contains antioxidants to retard oxidation.

**Section 5 Reactivity Data**

Stability: Stable  
 Conditions to Avoid (Materials to Avoid): Strong oxidizing agents, rags soaked with other solvents or chemicals  
 Hazardous decomposition or by products: Produces carbon monoxide and carbon dioxide on combustion  
 Hazardous polymerization: Will not occur

**Section 6 Health Hazard Data**

Routes of Entry: Inhalation, eye, skin contact  
 Health Hazards: None known

Carcinogenicity: Not listed by NTP, IARC, OSHA  
 Eye Contact: May cause eye irritation  
 Skin Contact: Not classified as a primary skin irritant or corrosive material  
 Ingestion: May cause irritation of the digestive tract  
 Medical conditions generally aggravated by exposure: None known

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**Emergency and First Aid Procedures**

In case of eye contact: Immediately flush eyes with running water for at least 15 minutes. Do not rub eyes. If symptoms persist obtain medical aid.  
 For skin contact: Wash with soap and water. Remove contaminated clothing and wash before reuse. If irritation persists, get medical attention.  
 If swallowed: Do not induce vomiting. Call a physician immediately  
 Inhalation: Remove to fresh air. If symptoms persist get medical attention.

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**Section 7 Precautions for safe handling & use**

Steps to be taken in case product is spilled: Wear protective clothing. Contain the spill. Hold for disposal.  
 Waste Disposal Method: Dispose of in accordance with all existing local, state, and federal ordinances.  
 Precautions in handling & Storage: Can be stored in most common storage vessels including carbon steel, aluminum, fiberglass, and stainless steel.

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**Section 8 Control Measures**

Respiratory Protection: None required for normal usage  
 Protective Glove: Nitrile and neoprene  
 Eye Protection: Safety glasses, goggles or face shield  
 Other protective clothing or equipment: As required  
 Work/Hygienic Practices: Practice reasonable care & cleanliness. Avoid prolonged breathing of vapors.

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