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# BEAN·e·doo™

*Made from SOYBEANS*

**Specially Formulated**

# Mastic Remover

- Easy clean-up, rinses off with water
- No odor, no dangerous fumes
- Safe to use in working or living areas
- 100% Bioderadable
- Stays wet and actively cleans for over 24 hours, so you get more coverage and options
- Covers over 300 square feet per gallon
- Effective on white and black mastic, even carpet mastic
- No ODC's, No HAP's, Low VOC, Zero vapor pressure
- Non-evaporative qualities of this mastic remover make it ideal for safe asbestos removal

The American Embassy in New Delhi, India were so impressed with the results of **Bean-e-doo™ Mastic Remover** they referred it to the American Embassy in Bangkok, Thailand for a similar project.

FRANMAR Chemical

1-800-538-5069

P.O. Box 97, Normal, IL 61761

www.soysolvents.com

www.franmar.com

FRANMAR CHEMICAL

# ANALYSIS CERTIFICATION

Franmar Chemical, Inc. certifies that an independent laboratory has tested and analyzed Wash-Away™, Bean-e-doo®, D-Haze®, & Greeneway™ by Gas Chromatography/Mass Spectrometry to certify the following information is accurate.

## TEST RESULTS:

- Solvents were certified as **"CLEAN AIR SOLVENTS"**.
- Solvents **MEET ALL SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT STANDARDS** under rule 1171 Part (B) 4 A-E.
- **No detection of "Ozone Depleters".**
- **No detection of "Global Warming Compounds".**

## INDEPENDENT TESTS CONDUCTED BY FOLLOWING PARAMETERS:

- Methodology of the **South Coast Air Quality Management District(SCAQMD).**
- In accordance with **Environmental Protection Agency** Standards.
- Meeting the guidelines of the **European Environmental Community.**

The following pages should be placed in your safety file and replace any previous Material Safety Data Sheets. The following information includes data for each of Franmar Chemical's latest and most advanced solvent formulas. MSDS sheets dated previously for products of the same name should be disposed of.

**Independent Tests Conducted by: Ingman Laboratories, Inc.** M. Stokes
IL#'s 14089 - 14901 Tests were concluded with measurment of Volatile compounds utilizing S.W. 846 method 8260A an analysis of 64 Halogenated and non-Halogenated Volatile Hydrocarbons. *Products tested effectively covered the range of ingredients that are included in Franmar Chemical's products. These tests were conducted on all recent formulas dated as of 12-2-1997.*

**FRANMAR CHEMICAL, INC. 105 EAST LINCOLN #L, P.O. BOX 97 NORMAL, IL 61761**
**(309) 452-7526** *Telephone number for non-medical contact during regular business hours*
Revised 6/22/99

**SECTION 1** **IDENTIFICATION**

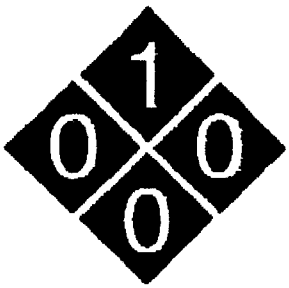
**Product Name:** **BEAN-E-DOO® MASTIC REMOVER**

Chemicals: Fatty Acids $C_{16-18}$ and $C_{18}$ 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.

**SECTION 2** **HAZARDOUS INGREDIENTS**

CONTAINS NO HAZARDOUS INGREDIENTS




**SECTION 3** **PHYSICAL DATA**

Boiling Point: Over 400° F
Vapor Pressure: 0 (at 20° C in mm Hg) ASTM Method D-323
Specific Gravity: .91 at 25° C
Solubility in Water: Emulsifiable
Appearance and Color: Water white to yellowish liquid
Melting Point: -1° C 30° F
Evaporation Rate: Less than 1 (n-butyl acetate=1)

**SECTION 4** **FIRE & EXPLOSION HAZARD DATA**

Flash Point & Method Used: Above 300° F (COC)
Flammable Limits: Not established
Extinguishing Media: $CO_2$, Dry Chemical for small fires, foam for large fires
Special Fire Fighting Procedures: Firefighters should be equipped with self contained breathing apparatus and protective clothing.
Unusual Fire & Explosion Hazards: None.

**CERTIFIED**
**pH Level**
6.65
*pH of 1/10 wt/wt solution in soft water*

**SECTION 5** **REACTIVITY DATA**

Stability: Stable.
Conditions to Avoid (Materials to Avoid): Strong oxidizing agents.
Hazardous decomposition or by products: Produces carbon monoxide and cardon 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

**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: Call a physician immediately.
Inhalation: Remove to fresh air. If symptoms persist get medical attention.

**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 & storing: Can be stored in most common storage vessels including carbon steel, aluminum, fiberglass, and stainless steel.

**SECTION 8** **CONTROL MEASURES**

Respiratory Protection: None required for normal usage.
Protective Gloves: Nitrile or 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.