

MATERIAL SAFETY DATA SHEET

DATE OF PREPARATION: June 6, 1998 EMERGENCY TELEPHONE #: (954) 565-8475

UPDATE OF MSDS September 9, 2009

AFTER HOURS: 800-424-9300

SECTION I PRODUCT IDENTIFICATION

Product Name: DEBOND MARINE FORMULA
Product Number:
Product Class: AEROSOL
D.O.T. Shipping Class: ORM-D Consumer Commodity

SECTION II HAZARDOUS INGREDIENTS

INGREDIENT	PERCENT	OCCUPATIONAL EXPOSURE LIMITS		NFPA HEALTH RATING	CAS#
		TLV	PEL		
PROPRIETARY BLEND					
TRADE SECRET: As defined in Hazard Communication Act 29 CFR 1910.1200 Para 1 (i) end Appendix D to CFR 1910.1200 glycol					
Terpenes Solvents	60-70 %	N/E	N/E	0	88917-22-0
Terpenes 110111	5-10 %	5mg/M3	100PPM	1	138-86-03
Nonionic Surfactant	1-3 %	N/E	N/E	0	5989-27-05
PROPELLANT A-70 Hydrocarbon Blend 45 PSIG @ 70 °F	5-10 %	N/E	N/E	1	127087-87-55 75-28-5/74-9-66
N/E = Not Established					

SECTION III PHYSICAL DATA

Boiling Range: 400° F
Vapor Density: < 1
Percentage Volatile by weight: 99
Evaporation Rate: SLOW
Weight per gallon: >8.168 lbs.
Specific Gravity: 1.021
Appearance: Clear Liquid
Odor: Slight ether like odor, citrus
VOC CONTENT 267.7 GRAMS PER LITER
26% VOC
Test Method SCAQMD
Rule 443.1
CARB/OTC Title 17 SC 8.5

SECTION IV FIRE AND SAFETY EXPLOSION HAZARD DATA

Flammability Classification OSHA: Flammable
Shipping Classification D.O.T.: ORM-D
Flash Point: 150° F
Flammable Levels in Air: Lower: N/A Upper: N/A
Extinguishing Media: Foam, Water Fog, CO₂

Unusual Fire and Explosion Hazards: Do not expose to heat or flame or store above 120° F as high internal pressures may cause leaking. This material may produce a floating fire hazard.

Special Fire Fighting Procedures: Do not direct a solid stream of water or foam into hot burning spots may cause frothing and increase fire intensity.

SECTION V HEALTH HAZARD DATA

PRIMARY ROUTE (S) OF ENTRY: Dermal, Inhalation

EMERGENCY AND FIRST AID PROCEDURE:

EYES: Flush eyes with large quantities of water to speed recovery. Face subject into wind or forced air source such as fans or air conditioning outlet.

SKIN CONTACT: Wash affected area with soap and water. Use no creams or salves.

INHALATION: No danger exists for asphyxiation. Remove persons to fresh air.

INGESTION: Severe burning heartburn sensation may cause nausea. Seek medical attention if nausea persists.

PHYSIOLOGICAL EFFECTS AND HEALTH INFORMATION

EYE EFFECTS: Tearing and redness may occur. Has been found to have minor non persistent eye irritation, to be non toxic, and not to cause dermatitis.

SECTION VI REACTIVITY DATA

STABILITY: Stable

HAZARDOUS POLYMERIZATION: Will Not Occur

CONDITIONS TO AVOID: Heat, open flames, electrical and static discharges.

INCOMPATIBILITY (MATERIALS TO AVOID): Strong Acids, Alkalies and Oxidizers.

SECTION VII SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Ventilate area. Remove all possible sources of ignition. Avoid prolonged breathing of vapors. Confine spill with inert absorbent. Wear protective equipment during clean up.

WASTE DISPOSAL: Incinerate in an approved incinerator or dispose of in accordance with Local, State and Federal Regulations.

SECTION VIII SAFE HANDLING AND USE INFORMATION

RESPIRATORY PROTECTION: Use NIOSH/MSHA approved Chemical/Mechanical type filter system to remove a combination or particles, gas & vapor. Use air line if necessary.

VENTILATION: Use adequate ventilation in volume and pattern to keep LEL and TLV's in Section II below recommended level to produce explosion or fire. General mechanical ventilation should comply with OSHA 1910.94.

PROTECTIVE GLOVES: Use rubber gloves.

EYE PROTECTION: Safety glasses or goggles with splash guards or side shields.

OTHER PROTECTIVE EQUIPMENT: Prevent prolonged skin contact to contaminated clothing.

SECTION IX SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Store in a cool dry area away from sources of ignition. When storing large quantities, store in building designed and protected against fire.

DO NOT STORE IN DIRECT SUNLIGHT OR ABOVE 120° F.

OTHER PRECAUTIONS: Do not take internally. If ingested, DO NOT INDUCE VOMITING. Consult a physician.

THE INFORMATION CONTAINED HEREIN IS BASED ON TECHNICAL DATA WHICH WE BELIEVE TO BE RELIABLE, HOWEVER, SINCE THE CONDITIONS UNDER WHICH THIS INFORMATION MAY BE APPLIED ARE BEYOND OUR CONTROL WE CAN ASSUME NO LIABILITY FOR RESULTS OF ITS APPLICATION. THIS INFORMATION SHOULD BE USED ONLY BY PERSONS HAVING SUFFICIENT TECHNICAL SKILL TO MAKE INFORMED JUDGEMENTS REGARDING ITS APPLICATION.