

HIGH PERFORMANCE ECO-FRIENDLY PRODUCTS

SOY-BASED MASTIC REMOVER

F O R M U L A

909

BIODEGRADABLE
ODORLESS
RINSES BETTER
GREATER COVERAGE RATES
(70-120 ft²/gallon)

PRODUCT DESCRIPTION

Sentinel 909 Soybean Degreaser & Mastic Remover is a soybean-based, biodegradable solvent cleaner, ideal for the removal of asphalt-based mastics, adhesives, grease, lubricants, inks, and other petroleum-based residues. 909 is a safe alternative to hazardous and flammable solvents such as citrus, terpene, chlorinated and petroleum.



DIRECTIONS FOR USE (For Floor Tile Mastic Removal):

1. If necessary, protect walls, drains, cracks and other flooring with an absorbent (rags, kitty litter, sawdust) to keep liquefied mastic contained.
2. Apply enough 909 to the entire adhesive surface to completely penetrate all adhesive to be removed. Allow 909 to soak and penetrate the mastic for 40-60 minutes.
3. Agitate the 909 into the adhesive with a stiff, short-bristled brush or coarse stripper pad. Squeegee or scrape the softened or liquefied adhesive from the floor and absorb for disposal.
4. If necessary, reapply 909 and repeat steps above.
5. Wash and rinse floor with Envirowash 805 and water to ensure a clean surface. Allow to dry completely.

SPECIFICATIONS:

APPEARANCE	CLEAR	See reverse side for Material Safety Data Sheet (MSDS)
APPROXIMATE BOILING POINT	400°F	
ODOR	ODORLESS	
SPECIFIC GRAVITY (TEMP)	(60°F) .806	
FLASHPOINT	>200°F . PMCC	
VAPOR DENSITY (Air=1)	Heavier than Air	

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MATERIAL SAFETY DATA SHEET

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SECTION 1 PRODUCT IDENTIFICATION & EMERGENCY INFORMATION

PRODUCT NAME: SENTINEL 909 SOYBEAN BASED MASTIC REMOVER & DEGREASER

SYNONYMS: EMULSIFIED METHYL ESTERS

EMERGENCY MEDICAL NUMBER: 1-866-359-5661

SECTION 2 COMPONENT & EXPOSURE DATA

COMPONENT	CAS#	PEL	TLV
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No Hazardous material

SECTION 3 EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: If this product comes in contact with eyes, gently flush with large quantities of water for at least 15 minutes. If irritation persists, seek immediate medical attention.

SKIN CONTACT: Remove contaminated clothing. Cleanse affected area(s) thoroughly by washing with mild soap and water. If irritation or redness develops and persists, seek medical attention.

INHALATION: If breathing difficulties, dizziness, or light-headedness occur when working in areas with high vapor concentration, victim should seek air free of vapors. If breathing stops, begin artificial respiration and seek immediate medical attention.

INGESTION (SWALLOWING): If this product is swallowed, DO NOT induce vomiting unless directed by a physician. Seek immediate medical advice and/or attention.

SECTION 4 HEALTH HAZARDS & ROUTES OF ENTRY

EYE CONTACT: This product may cause irritation.

SKIN CONTACT: This product may cause skin irritation. Persons with pre-existing skin disorders may be more susceptible to the effects of this material.

INHALATION: Inhalation of excessive concentration of vapors or mists may cause irritation of the nose and throat. Persons with impaired lung function or asthma-like conditions may experience additional breathing difficulties due to the irritant properties of the material.

INGESTION (SWALLOWING): Stomach discomfort, diarrhea.

ASPIRATION HAZARD: This material can enter lungs during swallowing or vomiting and cause lung inflammation and damage.

COMMENTS: THIS SUBSTANCE HAS NOT BEEN IDENTIFIED AS A CARCINOGEN OR PROBABLE CARCINOGEN BY NTP, IARC, OR OSHA.

SECTION 5 SPECIAL PROTECTION INFORMATION

VENTILATION: If current ventilation practices are not adequate for minimizing exposures, additional ventilation or exhaust systems may be required. Where explosive mixtures may be present, systems safe for such locations should be used.

RESPIRATORY INFORMATION: Respiratory protection may be necessary to minimize exposure to organic vapors or gases. Depending on the nature and concentration of the airborne material, use a respirator or gas mask with appropriate cartridges and canisters, (NIOSH approved) or supplied air equipment.

PROTECTIVE GLOVES: Wear resistant gloves, such as nitrile or neoprene.

EYE PROTECTION: Approved eye protection is recommended to safeguard against eye contact, irritation or injury.

OTHER PROTECTIVE EQUIPMENT: It suggested that a source of clean water be available in the work area for flushing eyes and skin. Impervious clothing should be worn as needed.

SECTION 6 REACTIVITY DATA

STABILITY: Stable HAZARDOUS POLYMERIZATION: Will not occur

INCOMPATIBILITY (MATERIALS TO AVOID): This product is incompatible with strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide and/or carbon dioxide.

SECTION 7 SPILL OR LEAK PROCEDURES

PRECAUTION IN CASE OF LEAK OR SPILL: Stay upwind and away from spill. Keep all sources of ignition and hot metal surfaces away from spill. If spill is indoors, ventilate area of spill. Foam, especially high expansion foam, may be used to suppress vapors. Keep contained and dispose of in accordance with local, county, state, and federal regulations.

SECTION 8 STORAGE, SHIPPING, & REGULATORY INFORMATION

HANDLING & STORAGE: Keep containers tightly closed. Keep containers cool, dry, and away from sources of ignition. Use and store this product with adequate ventilation. Avoid inhalation of vapors. DO NOT pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks or other sources if ignition. "Empty"

drums should be completely drained, properly bunged and promptly shipped to a qualified drum reconditioner.

DOT PROPER SHIPPING NAME: Not regulated

DOT HAZARD CLASS: NOT A REGULATED MATERIAL DOT IDENTIFICATION NUMBER: N/A

HAZARD RATINGS	HMS	NFPA
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HEALTH	1	1
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FLAMMABILITY	1	1
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REACTIVITY	0	0
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SECTION 9 FIRE AND EXPLOSION HAZARD

FLASH POINT (TEST METHOD): >200 DEG. F. TCC

FLAMMABLE LIMITS IN AIR. % BY VOL. LOWER: UPPER:

EXTINGUISHING MEDIA: Small fires-Extinguish with dry chemical, CO₂ or foam. Large fires-The use of dry chemical or foam is recommended.

FIRE AND EXPLOSION HAZARD: Not determined.

FIRE FIGHTING PROCEDURES: The use of a SCBA is recommended for fire fighters. Water spray may be useful in minimizing vapors and cooling containers exposed to heat and flame. Avoid spreading burning liquid with water used for cooling purposes.

SECTION 10 PHYSICAL DATA

BOILING POINT (°F): > 400 DEG. F.

SPECIFIC GRAVITY (H₂O=1): .91

VAPOR PRESSURE: < 0.1 mm Hg

VAPOR DENSITY: Appox. 5 (air = 1)

APPEARANCE & ODOR: Light yellow- Amber/ Nil.

% VOLATILE: not greater than 14 g/L

SECTION 11 DOCUMENTARY INFORMATION

DISCLAIMER OF EXPRESSED OR IMPLIED WARRANTIES The information in this document is believed to be correct as of the date issued. However, no warranty of merchantability, fitness for any particular purpose, or any other warranty is expressed or is to be implied regarding the accuracy or completeness of this information, the results to be obtained from the use of this information or the product, the safety of this product or the hazards related to its use. This information and product are furnished on the condition that the person receiving them shall make his/her own determination as to the suitability of the product for his/her particular purpose and on the condition the he/she assume the risk of his use thereof.