

HIGH PERFORMANCE ECO-FRIENDLY PRODUCTS

LOW ODOR MASTIC

REMOVER

F O R M U L A

PL145

ECONOMICAL FORMULA
LOW ODOR FORMULA
HIGH COVERAGE RATES
REMOVES BLACK MASTIC

PRODUCT DESCRIPTION:

Sentinel PL145 Low Odor Mastic Remover is an economically-priced mastic remover made specifically for the removal of black mastic found during the abatement of asbestos containing VAT and VCT tile. *PL145 does not contain asbestos.*

DIRECTIONS: *(Always follow product label instructions for best results.)*

Step One: Before beginning work, be sure to protect all walls, flooring, carpeting cracks, or wood with an absorbent (rags, kitty litter, sawdust) to keep liquified mastic contained. This will ensure easier cleanup and reduce potential problems with the installation of new flooring.

Step Two: Once the floor tile is removed, apply PL145 to the mastic using a sprayer or mop to evenly distribute the material. Allow product to soak and penetrate for 10-15 minutes.

Step Three: Using scrapers, remove the softened adhesive from the floor. Reapply product to remaining residue. Repeat as necessary.

Step Four: Using brooms or floor scrubbers, agitate remaining mixture and remove all liquids using absorbents.

Step Five: Once the mastic and remover are removed, wash all remaining residue from the floor with a soap and water mixture. Allow the floor to dry completely before installing new flooring.

For additional information or assistance with this product, please call Sentinel Customer Service at, **800-373-0633**.



SPECIFICATIONS:

APPEARANCE	CLEAR	
APPROXIMATE BOILING POINT	400-450°F	See reverse side for
ODOR	LOW	Material Safety Data Sheet (MSDS)
FLASHPOINT	145°F (Minimum)	
% VOC	not greater than 45g/L*	

* When determining VOC concentrations in accordance with the requirements set forth by the California Air Resource Board (CARB) and The Ozone Transport Commission (OTC), effective 01-01-2009.

MATERIAL SAFETY DATA SHEET

Hazard rating:	HMIS
HEALTH	1
FLAMMABILITY	2
REACTIVITY	0
PERSONAL PROTECTION	H

SECTION 1 PRODUCT IDENTIFICATION

PL-145 Low Odor Mastic Remover (VOC Compliant) 24 HOUR EMERGENCY
Manufactured by: Sentinel Products Inc. RESPONSE NUMBER
51 NE 77th Ave. Minneapolis, MN 55432 1-866-359-5661
763-571-0630

SECTION 2 HAZARD IDENTIFICATION

NAME	CAS #	EXPOSURE GUIDELINES
PETROLEUM DISTILLATES	64742-47-8	100 PPM (525 mg/m3) is a recommended PEL for 8-hour TWA
AROMATIC HYDROCARBONS	64742-94-5	100 PPM, 525 MG/M3 for 8 hour TWA

SECTION 3 PHYSICAL DATA

BOILING POINT (F) -----470-540 °F	VAPOR DENSITY -----heavier than air
VAPOR PRESSURE (mm Hg)-----less than 0.5mm/Hg @ 68°F	EVAPORATION RATE -----slower than ether
ODOR -----mild/characteristic	WEIGHT PER GALLON -----7.00
% VOLATILE-----not greater than 45g/L*	APPEARANCE -----clear

*when determining VOC concentrations in accordance with the requirements set forth by the California Air Resource Board (CARB) and Ozone Transport Commission (OTC).

SECTION 4 FIRE AND EXPLOSION DATA

FLASH POINT (METHOD USED)	AUTO IGNITION TEMPERATURE
145 degrees F. Method PMCC Note: Minimum	421 degrees F. Note: Approximate
EXTINGUISHING MEDIA Small fires: Extinguish with dry chemical, CO2 or foam. Large fires: The use of dry chemical or foam is recommended.	
SPECIAL FIRE FIGHTING PROCEDURES AND PRECAUTIONS The use of 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.	
UNUSUAL FIRE AND EXPLOSION This material is a NFPA IIIA combustible liquid.	

SECTION 5 HEALTH HAZARD INFORMATION/FIRST AID

EYE CONTACT Immediately flush eyes with plenty of water for at least 15 minutes. If irritation persists, seek medical attention.
SKIN Flush skin with plenty of water; use soap if available. Remove contaminated clothing. Call a physician if irritation persists. Wash clothing before reuse.
INHALATION Remove to fresh air. If breathing has stopped, administer artificial respiration. Keep at rest. Get prompt medical attention.
INGESTION If swallowed, **DO NOT** induce vomiting. Keep at rest. Get prompt medical attention.
ASPIRATION HAZARD This material can enter lungs during swallowing or vomiting and cause lung inflammation and damage. **THIS MATERIAL HAS NOT BEEN IDENTIFIED AS A CARCINOGEN OR PROBABLE CARCINOGEN BY NTP, IARC, OR OSHA.**

SECTION 6 HEALTH HAZARDS /ROUTES OF ENTRY

EYE CONTACT Direct contact with this liquid may cause irritation.
SKIN CONTACT Repeated or prolonged contact with liquid may cause irritation, reddening and dermatitis.
INHALATION High vapor concentrations may cause headaches, stupor, irritation of throat and kidney effects. Extreme aspiration into the lungs may cause pneumonia or death.
INGESTION This material causes irritation of the stomach and intestines and signs of nervous system depression
Acute exposure may result in narcosis, pulmonary edema and severe kidney and liver damage.

SECTION 7 SPECIAL PROTECTION INFORMATION

VENTILATION Air contaminant levels should be controlled below the PEL or TLV for this product. (See Section 2) Mechanical ventilation may be necessary if working with this product in enclosed areas.
RESPIRATORY PROTECTION Respiratory protection may be necessary to minimize exposure to organic vapors. Use NIOSH approved organic vapor air purifying respirator, self contained breathing apparatus, or air supplied respirators dependent on concentration.
PROTECTIVE GLOVES The use of impermeable gloves (Nitril or Neoprene) is recommended to prevent contact and possible irritation.
EYE PROTECTION When contact with liquid is possible, use a face shield, otherwise use safety glasses or goggles.
PROTECTIVE EQUIPMENT It is suggested that a clean source of water is available in the work area for flushing eyes and skin. Impervious clothing should be worn as needed.

SECTION 8 REACTIVITY DATA

STABILITY - Stable **HAZARDOUS POLYMERIZATION** - Will not occur. **INCOMPATIBILITY** - Strong oxidizing agents.
HAZARDOUS DECOMPOSITION PRODUCTS - Carbon monoxide and/or carbon dioxide.

SECTION 9 SPILL OR LEAK PROCEDURES

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 10 SHIPPING INFORMATION

DOT PROPER SHIPPING NAME: Combustible Liquid, n.o.s. **DOT HAZARD CLASS:** Combustible Liquid
DOT IDENTIFICATION NUMBER: NA 1993 (not regulated in pkg. of less than 119 gal.) **PACKING GROUP:** III

SECTION 11 STORAGE AND SPECIAL PRECAUTIONS

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 of ignition. "Empty" drums should be completely drained, properly bunged and properly shipped to a qualified drum reconditioner.

SECTION 12 DOCUMENTARY INFORMATION

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 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 own determination as to the suitability of the product for his particular purpose and on the condition that he assume the risk of his use thereof.