

HIGH PERFORMANCE ECO-FRIENDLY PRODUCTS

# ADHESIVE REMOVER

FORMULA

# 747

PLUS

BIODEGRADABLE  
LOW ODOR FORMULA  
FASTER ACTING  
GREAT COVERAGE RATES  
(100-200 FT<sup>2</sup>/GALLON)

## PRODUCT DESCRIPTION:

SENTINEL 747 PLUS Adhesive Remover is a powerful, biodegradable formula designed to safely and effectively strip adhesives left behind after removing vinyl tile, sheet vinyl, indoor and outdoor carpeting and wood flooring. 747 PLUS is an environmentally-friendly, low-odor product that effectively removes a variety of adhesives without the use of harmful agents.

## DIRECTIONS:

### 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. Wet adhesive with 747 PLUS. This may be done by using a sprayer or by mopping over the surface of the mastic. Allow 747 PLUS to soak and penetrate for 10-20 minutes until the mastic is saturated.
3. Scrape or squeegee the bulk of the softened or liquefied mastic from the surface with a floor scraper (razor scraper) or floor squeegee.
4. Wash and rinse the floor thoroughly with Sentinel 810 and water to ensure a clean surface. Allow to dry a minimum of 24 hours before installing new flooring.



## SPECIFICATIONS:

APPEARANCE	CLEAR
APPROXIMATE BOILING POINT	410-470°F
ODOR	NEW FRESH SCENT
SPECIFIC GRAVITY (TEMP)	(60°F) .840
FLASHPOINT	Over 170°F PMCC
*% VOC	not greater than 15g/L

See reverse side for  
Material Safety Data Sheet (MSDS)

\*When determining VOC concentrations in accordance with the requirements set forth by the California Air Resource Board.

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**MATERIAL SAFETY DATA SHEET**Sentinel Products, Inc. – 51 N.E. 77<sup>th</sup> Avenue, Minneapolis, MN 55432 (763) 571-0630 - FAX (763) 571-1819**SECTION 1****PRODUCT IDENTIFICATION & EMERGENCY INFORMATION****PRODUCT NAME:** SENTINEL 747 PLUS LOW ODOR MASTIC REMOVER**SYNONYMS:** EMULSIFIED HYDROCARBON**EMERGENCY MEDICAL NUMBER:** 1-866-359-5661**SECTION 2****COMPONENT & EXPOSURE DATA**

COMPONENT	CAS#	PEL	TLV
REFINED PETROLEUM SOLVENTS	64742-47-8	100 PPM, 525 mg/m <sup>3</sup> for 8 hour TWA	

**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 and signs of nervous system depression (e.g. drowsiness, dizziness, loss of coordination and fatigue). Persons with impaired lung function or asthma-like conditions may experience additional breathing difficulties due to the irritant properties of the material.**INGESTION (SWALLOWING):** Ingestion of excessive quantities may cause irritation of the digestive tract and signs of nervous system depression (e.g. drowsiness, dizziness, loss of coordination and fatigue). Acute exposure to these compounds results in narcosis, pulmonary edema, and severe kidney and liver damage.**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 of 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:** The use of gloves impermeable to this material is advised to prevent skin contact and possible irritation. Wear resistant gloves, such as nitrile or neoprene.**SPECIAL PROTECTION INFORMATION****EYE PROTECTION:** Approved eye protection is recommended to safeguard against eye contact, irritation or injury.**OTHER PROTECTIVE EQUIPMENT:** It is 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:** Combustible liquid, NOS**DOT IDENTIFICATION NUMBER:** NA 1993**DOT HAZARD CLASS:** Combustible liquid**PACKING GROUP:** III**HAZARD RATINGS****HMIS****NFPA**

Health	1	1
Flammability	2	2
Reactivity	0	0

COMBUSTIBLE LIQUID AS DEFINED BY OSHA HAZARD COMMUNICATION STANDARD.

**SECTION 9****FIRE AND EXPLOSION HAZARD****FLASH POINT (TEST METHOD):** Over 170° F. PMCC**FLAMMABLE LIMITS IN AIR, % BY VOL. LOWER:** 1.2**UPPER:** 6.0**EXTINGUISHING MEDIA:** Small fires-Extinguish with dry chemical, CO<sub>2</sub> or foam. Large fires-The use of dry chemical or foam is recommended.**FIRE AND EXPLOSION HAZARD:** This material is combustible and may be ignited by heat or flame. This material will burn, but will not ignite readily.**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):** 410-470° F.**SPECIFIC GRAVITY (H<sub>2</sub>O=1):** ~.804**VAPOR PRESSURE:** <.2mm/Hg @68°F**MELTING POINT:** N/A**APPEARANCE & ODOR:** Clear - Mild/characteristic.**VAPOR DENSITY:** Heavier than air.**%VOLATILE:** Not greater than 15g/L\***\*When determining VOC content in accordance with the requirements set forth by the California Air Resource Board (CARB) and the Ozone Transport Commission (OTC), effective 01-01-2009.****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.