

#SW – Sticky Wax

MATERIAL SAFETY DATA SHEET

I. PRODUCT IDENTIFICATION

PRODUCT NAME: LMP WAX
 CHEMICAL NAME: PETROLEUM WAX
 COMPOSITION: 100% LONG CHAIN SATURATED HYDROCARBON
 CAS: 64742-43-3

II. HAZARDOUS INFORMATION

MATERIAL OR COMPONENTS IN
 HAZARDOUS CONCENTRATIONS: NONE % N/A

EXPOSURE LIMIT FOR TOTAL PRODUCT BASIS
 5 MG/M³ FOR OIL MIST OR OSHA REGULATIONS 29 CFR 1910
ED BY ACGIH
 2 MG/M³ FOR WAX FUMES

III. PHYSICAL DATA

BOILING POINT (DEG. F): > 650 DEGREES
 MELTING POINT (DEG. F): 145 DEGREES
 SPECIFIC GRAVITY (H₂O=1): 0.93
 MOLECULAR WEIGHT: NDA
 Ph: ESSENTIALLY NEUTRAL
 VAPOR PRESSURE (mm Hg): < 0.1
 VAPOR DENSITY (Air=1): N/A
 EVAPORATION RATE (N-BUTYL ACETATE=1): <0.01
 SOLUBILITY IN WATER: NEGLIGIBLE
 APPEARANCE AND ODOR: WHITE SOLID/SLIGHT ODOR

IV. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT AND METHOD: 535 DEGREES F. (C.O.C)
 AUTO IGNITION TEMPERATURE: NDA
 FLAMMABLE LIMITS% VOLUME IN AIR: LOWER NDA
 UPPER NDA

EXTINGUISHING MEDIA

USE WATER FOG, FOAM, DRY CHEMICAL OR CO₂. DO NOT USE A DIRECT STREAM OF WATER. PRODUCT WILL FLOAT AND CAN BE REIGNITED ON SURFACE OF WATER.
 SPECIAL FIRE FIGHTING PROCEDURES AND PRECAUTIONS
 MATERIAL WILL NOT BURN UNLESS PREHEATED. DO NOT ENTER CONFINED FIRE SPACE WITHOUT FULL BUNKER GEAR (HELMET WITH FACE SHIELD, BUNKER COATS, GLOVES)

AND RUBBER BOOTS), INCLUDING A POSITIVE PRESSURE NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS WITH WATER.

V. EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT

IF HOT PRODUCT IS SPLASHED INTO EYES, FLUSH IMMEDIATELY WITH CLEAR WATER AND CONTACT PHYSICIAN IMMEDIATELY.

SKIN CONTACT

IF BURNED BY HOT PRODUCT, OBTAIN MEDICAL ATTENTION IMMEDIATELY. IN CASE OF SKIN CONTACT WITH PRODUCT UNDER OTHER CONDITIONS, WASH THOROUGHLY WITH SOAP AND WATER.

REMOVAL OF PRODUCT FROM SKIN MAY BE AIDED BY USE OF WATERLESS HANDCLEANER

INHALATION

IF OVERCOME BY FUMES, IMMEDIATELY REMOVE FROM EXPOSURE AND CALL PHYSICIAN. IF BREATHING IS IRREGULAR OR HAS STOPPED, START RESUSCITATION, ADMINISTER OXYGEN, IF AVAILABLE.

INGESTION

PRODUCT IS NOT EXPECTED TO BE ACUTELY TOXIC BY INGESTION

VI. HEALTH INFORMATION

THE HEALTH EFFECTS NOTED BELOW ARE CONSISTENT WITH REQUIREMENTS UNDER THE OSHA HAZARD COMMUNICATION STANDARD

(29 CFR 1910.1200)

EYE CONTACT

MOLTEN WAX FUMES MAY BE SLIGHTLY IRRITATING TO EYES

SKIN CONTACT

MOLTEN WAX WILL CAUSE BURNS ON CONTACT WITH SKIN

INHALATION

MOLTEN WAX FUMES MAY CAUSE MILD (UPPER) RESPIRATORY IRRITATION.

INGESTION

NO SPECIFIC INFORMATION IDENTIFIED.

SIGNS AND SYMPTOMS

IRRITATION AS NOTED ABOVE

VII. REACTIVITY

STABILITY: STABLE

CONDITIONS AND MATERIALS TO AVOID:

NON IDENTIFIED

HAZARDOUS DECOMPOSITION PRODUCTS

THERMAL DECOMPOSITION PRODUCTS ARE HIGHLY DEPENDENT ON THE COMBUSTION CONDITIONS. A COMPLEX MIXTURE OF AIRBORNE SOLID, LIQUID PARTICULATES AND GASES WILL EVOLVE WHEN THIS MATERIAL UNDERGOES PYROLYSIS OR COMBUSTION. CARBON MONOXIDE AND UNIDENTIFIED ORGANIC COMPOUNDS MAY BE FORMED UPON COMBUSTION.

VII. ENVIROMENTAL PROTECTION

SPILL OR LEAK PROCEDURES

MAY BURN ALTHOUGH NOT READLY IGNITABLE USE CAUTIOUS JUDGEMENT WHEN CLEANING UP LARGE MOLTEN SPILLS.

LARGE MOLTEN SPILLS WEAR RESPIRATOR AND PROTECTIVE CLOTHING AS APPROPRIATE. SHUT OFF SOURCE FO LEAK IF SAFE TO DO SO. DIKE AND CONTAIN. ALLOW WAX TO COOL AND REMOVE AS A SOLID.

SMALL MOLTEN SPILLS ALLOW WAX TO COOL AND REMOVE AS A SOLID.

WASTE DIPOSAL

PLACE IN AN APPROPRIATE DISPOSAL FACILITY IN COMPLIANCE WITH LOCAL REGULATIONS.

IX. EMPLOYEE PROTECTION

VENTILATION

USE LOCAL EXHAUSE TO CAPTURE VAPOR, MISTS OR FUMES, IF NECESSARY. PROVIDE GREATER THAN 60 FEET PER MINUTE HOOD

FACE VELOCITY FOR CONFINED SPACES. PROVIDE VENTILATION

SUFFICIENT TO PREVENT EXCEEDING RECOMMENED EXPOSURE

LIMIT OR BUILDUP OF EXPLOSIVE CONCENTRATIONS OF VAPOR IN AIR.

RESPIRATORY PROTECTION

NORMALLY NOT NEEDED AT AMBIENT TEMPERATURES

PROTECTIVE GLOVES

PROTECT AGAINST HOT LIQUID. USE CHEMICAL-RESISTANT GLOVES TO AVOID SKIN CONTACT.

EYE PROTECTION

USE SPLASH GOGGLES OR FACE SHIELD WHEN EYE CONTACT MAY OCCUR.