MATERIAL SAFETY
DATA SHEET

PRODUCT ID NO.: 9470
EFFECTIVE DATE: 12/19/02
PRODUCT ID NO.: #1205
DATE PREPARED: 04/02/04

Plumbers Pal
Rubber Thread Sealer

This Material Safety Data Sheet contains environmental, health and toxicology information for your employees. Please make sure this information is given to them. It also contains information to help you meet community Right To Know emergency response reporting requirements under SARA TITLE III and many other laws. If you resell this product, this MSDS must be given to the buyer or the information incorporated in your MSDS.

This MSDS complies with 29 CFR 1910.1200
(The Hazard Communication Standard)

SECTION I - PRODUCT IDENTIFICATION
PRODUCT DESCRIPTION: Pipe Thread Sealer, AEROSOL
D.O.T. PROPER SHIPPING NAME: ORM-D
CONSUMER COMMODITY
NFPA CODES: HEALTH - 3 FLAMMABILITY - 2 CORROSIVE - 0 REACTIVITY - 0

SECTION II - COMPONENTS
DICHLOROMETHANE
CAS #: 75-09-2
* PEL: TWA 25 ppm
* TLV: ACGIH 50 ppm

POLY (BUTADIENE-CO-STYRENE)
CAS #: 9003-55-8
PEL: NOT ESTABLISHED
TLV: NOT ESTABLISHED

N-TALLOWALKYL TRIMETHYLENE DIAMINES OLE.
CAS #: 61741-53-5
PEL: NOT DETERMINED
TLV: NOT DETERMINED

PETROLEUM ASPHALT
CAS #: 8052-42-4
PEL: NONE ESTABLISHED
TLV: 5 mg/m

ALIPHATIC DISTILLATES
CAS #: 64742-89-7
PEL: 100 PPM
TLV: 100 PPM

HYDROCARBON PROPPELLANT
CAS #: 68476-86-8
PEL: 800 PPM
TLV: 800 PPM

**If present, IARL, NT and OSHA carcinogens and chemical subject to this reporting requirements of SARA TITLE III, SECTION 313 are identified in this section.

SECTION III - PHYSICAL DATA
BOILING POINT FOR PRODUCT: NOT DETERMINED
VAPOR PRESSURE FOR PRODUCT: < 75 PSI
VAPOR DENSITY FOR PRODUCT: HEAVIER THAN AIR
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SECTION III - PHYSICAL DATA (CONTINUED)

SPECIFIC GRAVITY: 1.0773
V.O.C. (GRAMS PER LITER): N/A
WATER SOLUBILITY: NIL
APPEARANCE: BLACK ASPHALT
V.O.C. PERCENTAGE: 38%

SECTION IV - FIRE AND EXPLOSION DATA

FLASH POINT (N/A): LEVEL 2: AEROSOL
EXPLOSIVE LIMIT (PRODUCT): LOWER - N/D
04.20
UPPER - N/D
GENERAL HAZARD:
Combustible liquid, can form combustible mixtures at temperatures
at or above the flashpoint. Static discharge, material can accumulate
static charge which can cause an incendiary electrical discharge.
"Empty" containers retain product residue (liquid and/or vapor) and
can be dangerous. Do not cut, weld, braze, solder, drill or expose
such containers to heat, flame, sparks, static electricity, or other
sources of ignition; they may explode and cause injury or death.

FIRE FIGHTING:
Use water spray to cool fire exposed surfaces and to protect per-
sonnel. Isolate "fuel" supply from fire. Use foam, dry chemical, or
water spray to extinguish fire. Avoid spraying water directly into
storage containers due to danger of boilover. This liquid is volatile
and gives off invisible vapors. Either the liquid or vapor may settle
in low areas or travel some distance along the ground or surface to
key ignition sources where they may ignite or explode.

SECTION V - HEALTH HAZARD DATA

SEC05.22
ROUTES OF EXPOSURE:
INHALATION: Excessive inhalation may produce symptoms of central nervous
system depression, ranging from light-headedness, nausea and
vomiting, to unconsciousness and death.
SKIN: Mildly irritating to skin. Skin contact may produce a burning
sensation - prolonged or repeated contact may cause skin to become
reddened, rough, and dry due to the removal of natural oils and
may result in dermatitis.
May be absorbed through the skin, although not expected to
produce toxicity through this route.
EYE CONTACT: An irritant of the eyes, causing pain, lacrimation and
general inflammation.
INGESTION: May cause irritation of the gastrointestinal tract with
vomiting. If vomiting results in aspiration, chemical pneumonia
may follow. Absorption through the gastrointestinal tract may
produce symptoms of central nervous system depression ranging from
light headedness to unconsciousness.

EFFECTS OF OVEREXPOSURE:
SECTION V - HEALTH HAZARD DATA (CONTINUED)

- Exposure may result in liver and kidney damage. Exposure of the eyes and skin may produce irritation. Animals exposed to high levels have shown cardiac sensitization.

- Chronic: Can cause headache, mental confusion, depression, fatigue, and visual disturbances. Prolonged or repeated skin contact may cause dermatitis.

HYGIENE: Avoid contact with skin and avoid breathing vapors. Do not eat, drink, or smoke in work area. Wash hands prior to eating, drinking, or using restroom.

FIRST AID:

- EYES: Irrigate with flowing water immediately and continuously for 15 minutes. Consult medical personnel.

- SKIN: Wash off in flowing water or shower.

- INGESTION: Do not induce vomiting. Call a physician and/or transport to emergency facility immediately.

- INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, oxygen should be administered by qualified personnel. Call a physician or transport to a medical facility.

NOTE TO PHYSICIAN: Because rapid absorption may occur through lungs if aspirated and cause systemic effects, the decision of whether to induce vomiting or not should be made by a physician. If lavage is performed, suggest endotracheal and/or esophageal control. Danger from lung aspiration must be weighted against toxicity when considering emptying the stomach. Exposure may increase "myocardial irritability". Do not administer sympathomimetic drugs unless absolutely necessary.

(Proposition 65): SECOS


WARNING: IN ACCORDANCE WITH PROP 65, THIS PRODUCT CONTAINS A CHEMICAL(S) KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER, BIRTH DEFECTS AND OTHER REPRODUCTIVE HARM.
PRODUCT NO.: 1205 Plumbers Pal Rubber Thread Sealer

SECTION VI - REACTIVITY DATA (CONTINUED)

HAZARDOUS DECOMPOSITION PRODUCTS: NONE

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE CONTAINER IS PUNCTURED AND MATERIAL IS RELEASED:
Clean up area by mopping or with absorbent materials and place in closed container for disposal. Consult Federal, State, and local disposal authorities.

WASTE DISPOSAL METHOD: Consult local authorities for proper waste disposal procedures. Empty de-pressurized containers can not be reused. Cans which are pressureized or contain liquid must be disposed of in a permitted waste management facility. Consult Federal, State, and local disposal authorities for approved procedures.

SECTION VIII - PROTECTIVE EQUIPMENT TO BE USED

VENTILATION REQUIREMENT: Use adequate level exhaust ventilation. Note: Where carbon monoxide may be generated, special ventilation may be required.
Local exhaust recommended when appropriate to control employee exposure.

RESPIRATORY PROTECTION: Based on contamination level and working limits of the respirator, use a respirator approved by NIOSH/MSHA.

EYES: Face shield and goggles or chemical goggles should be worn.

GLOVES: Impervious gloves should be worn. Gloves contaminated with the product should be discarded. Polyfluorinated polyethylene has been suggested.

OTHER CLOTHING EQUIPMENT: Standard work clothing.
Standard work shoes; discard if shoes cannot be decontaminated.
Store contaminated clothing in well ventilated cabinets or closed containers. Wash contaminated clothing and dry before reuse.

HANDLING STORAGE AND DECONTAMINATION PROCEDURES: When utilizing pressurized containers follow standard safety practices for handling aerosols.

GENERAL COMMENTS: Do not store at temperatures above 120 degree F. Odor is not an adequate warning of potentially hazardous concentrations in air. Releases of these gases may cause a flammable atmosphere with explosion potential.

PRECAUTIONARY STATEMENTS: Please read and follow the directions on the product label. They are your best guide to using this product in the most effective way, and give the necessary safety precautions to protect your health.

ADDITIONAL COMMENTS

The above information is based on the data of which we are aware and is believed to be correct as of the date hereof. Since the information contained herein may be applied under conditions beyond our control and with which we may be unfamiliar and since data made available subsequent to the date hereof may suggest modification of the information, we do not assume any responsibility for the results of its use. This information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.