

PEN

Description:

Penetrating Oil with Teflon and Vydax

I. SHIPPING INFORMATION

D.O.T. Shipping Name: Consumer Commodity

D.O.T. Hazard Class: ORM-D

D.O.T. ID No: N/A

D.O.T. Label: None Necessary

II. HAZARDOUS INGREDIENTS

Material	Weight %	TLV
Perchloroethylene (CAS #127-18-4)	< 75%	25 ppm
[Short Term exposure limit for Perchloroethylene is 200 ppm]		
Propylene glycol T-butyl ether (CAS #57018-52-7)	< 10%	N.A.
Carbon Dioxide (CAS #124-38-9)	< 10%	10,000 ppm
Petroleum Oil (CAS #64741-88-4)	< 10%	5 mg/m ³
Naphthenic Oil (CAS # 64742-52-5)	< 20%	

This product contains Perchloroethylene which is a toxic chemical subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a substance known to the State of California to cause cancer.

PHYSICAL DATA

Boiling Point(F°): 250 to >500°F Specific Gravity(Water=1): 1.3
Volatile By Weight(%): > 80 Vapor Density (Air=1): 4.0
Solubility in Water: Nil. pH: N/A
Appearance & Odor: Amber pressurized spray with strawberry scent.

IV. FIRE & HAZARD DATA

Flashpoint (Method Used): >300°F by T.C.C.

NFPA 30B Rating: 1

Extinguishing Media: Water fog, CO₂, or dry chemical

Special Fire Fighting Procedures: Keep containers cool. Use equipment or shielding to protect personnel against venting, rupturing or bursting containers.

Unusual Fire & Explosion Hazards: At temperatures above 120°F containers may vent, rupture, or burst.

V. HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE: Harmful or fatal if swallowed.

Prolonged breathing of vapors may result in headache, dizziness, drowsiness, or nausea. May cause eye or skin irritation. Prolonged skin contact may result in drying or cracking.

CHRONIC EFFECTS: Long term exposure to vapors may cause lung, liver, or kidney damage. Perchloroethylene is a NIOSH carcinogen, and may cause spleen and brain damage.

FIRST AID PROCEDURES:

If Swallowed: Contains solvents. Do not induce vomiting. Seek medical attention immediately.

If Inhaled: Remove person to fresh air. Administer oxygen if necessary. Seek medical attention if irritation persists.

Eyes: Flush eyes immediately with plenty of cool water for at least 15 minutes. If irritation persists, contact a physician.

If on Skin: Wash with soap and water. If irritation persists, contact a physician.

VI. REACTIVITY DATA

Stability: Stable.

Conditions to avoid: Heat, sparks, or open flames

Incompatibility(Materials to avoid): Strong oxidizing agents, active metals, acids, dehydrating agents.

Hazardous Decomposition Products: Burning this product may result in the formation of carbon dioxide, phosgene, water, and hydrogen chloride.

HAZARDOUS POLYMERIZATION WILL NOT OCCUR

VII. SPILL OR LEAK PROCEDURES

Steps To Be Taken If Material Is Released Or Spilled: Remove sources of flame, sparks, or heat. Ventilate area. Wipe up excess.

Waste Disposal Method: Do not puncture or incinerate containers. Give to disposal service equipped to safely handle and dispose of pressurized containers. The used liquid is a RCRA hazardous waste (No. F001).

Follow All Federal, State and Local Regulations Regarding Waste Disposal.

VIII. SPECIAL PROTECTION INFORMATION

Eye protection and protective gloves are recommended any time you work with any concentrated industrial strength products.

Respiratory Protection: Use self-contained breathing apparatus when using this product in any area without ventilation. In areas with vapor above TLV but still plenty of oxygen, use a NIOSH approved canister type respirator fitted with organic vapor cartridges.

Ventilation: Use ventilation to keep vapor concentration below TLV.

Protective Gloves: Required.

Eye Protection: Splashproof safety goggles required

Other Protective Equipment: Source of clean water nearby in case of accidental eye splashing. Wear long pants and long sleeves.

IX. SPECIAL PRECAUTIONS

Precautions To Be Taken In Handling And Storage: Do not store in direct sunlight or in temperatures above 120°F. Avoid breathing vapors from product. Harmful or fatal if swallowed. Do not take internally. If swallowed do not induce vomiting. Call a physician. Vapor may be harmful. Contents under pressure. Do not puncture or incinerate.

Do not use in poorly ventilated or confined spaces. Vapors are heavier than air and will collect in low areas such as pits, degreasers, storage tanks and other confined areas. Do not use around tobacco products.

OTHER PRECAUTIONS:

This product contains solvents which may affect plastics and paints. Not for use on electronic computers or electronic memory systems. Be careful around painted surfaces. Always test in an inconspicuous area before using. Wipe off overspray immediately.

HMIS/NFPA RATINGS: Health 2 Flammability 2

Reactivity 0 Personal Protection 8

Read and follow all label directions and precautions before using the product. These products are intended for industrial and institutional use only.

NOT FOR HOUSEHOLD USE OR RESALE. KEEP OUT OF THE REACH OF CHILDREN. While we believe that the data contained herein is factual and the opinion expressed are those of qualified experts, the data are not to be taken as a warranty or representation for which the company assumes legal responsibility. They are offered solely for your consideration, investigation, and verification. Any use of these data and information must be determined by the user to be in accordance with applicable Federal, State, and Local Laws and regulations.

HEALTH AND SAFETY INFORMATION

(216) 861-7114

NOVEMBER 1994