



**MATERIAL SAFETY DATA SHEET**

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**PENETRATING OIL  
PART NO. 52125**

**SECTION I – PRODUCT IDENTITY**

Product Name : 12 Oz. Dynatex Penetrating Oil

**SECTION II – HAZARDOUS INGREDIENTS**

<u>INGREDIENTS</u>	<u>CAS #</u>	<u>OCCUPATIONAL EXPOSURE LIMITS</u>			<u>%</u>
		<u>TLV-TWA</u>	<u>TLV-STEL</u>	<u>PEL-TWA</u>	
Barium Sulfonate	61790-48-5	5 MG/M3	No Info	No Info	5.0
Aliphatic Petroleum					
Distillates	8052-41-3	100 PPM	No Info		85.0
Liquified Petroleum Gas	68467-86-8	NOT AVAIL	1000 PPM		15.0
Aliphatic Petroleum					
Distillate	64742-53-6	5 MG/M3	10MG/M3		10.0

**SECTION III – PHYSICAL DATA**

Boiling Range : -44<sup>0</sup>F to 383<sup>0</sup>F  
Specific Gravity : N/E  
Vapor Density : Heavier than air,  
Evaporation Rate : Slower than ether.  
Volatile by Weight : N/E  
Volatile by Volume : N/E  
Solubility in Water : N/E  
VOC's Lbs./gal : N/E  
VOC's grams/ltr : N/E  
Odor : Fresh scent

**SECTION IV – FIRE AND EXPLOSION HAZARD DATA**

Flash Point (Method Used) : \*\*\* F (Tagliabue Closed Cup)  
Flammable Limits : Lower – 0.7% Upper - 9.5%  
Extinguishing Media : CO<sub>2</sub>, dry chemical, foam, water fog.  
Unusual Fire and Explosion Hazards : Material is highly volatile and readily gives off vapors which may travel along the ground or move by ventilation and ignited. Possible ignition sources such as: pilot lights, other flames, sparks, heaters, smoking electric motors, static

Special Fire Fighting Procedures

discharge or other ignition sources at locations distant from material handling point.

: Water may be used to cool closed containers to prevent pressure build up and possible auto-ignition or explosion when exposed to extreme Heat. Wear a full-face positive pressure self-Contained breathing apparatus when fighting fires.

**SECTION V – REACTIVITY DATA**

Stability : Stable under normal storage conditions.  
Hazardous Polymerization : Will not occur under normal conditions.  
Hazardous Decomposition Products : Burning can produce carbon monoxide and/or carbon dioxide and trace phosgene gas.  
Conditions to Avoid : Open flames or electrical arcs.  
Incompatibility : Avoid contact with strong oxidizing agents, Strong alkalis and strong mineral acids.

**SECTION VI – HEALTH HAZARD DATA**

Primary Route(s) of Entry : Skin contact, inhalation, ingestion.  
EFFECTS OF OVEREXPOSURE:  
Inhalation : Shortness of breath, dizziness and light-headedness.  
Eye : Can cause eye irritation.  
Skin : Slight skin irritation. Can cause dermatitis.  
Ingestion : May Cause Chemical Pneumonia if Aspirated into lung.

Medical Conditions Prone to Aggravation  
By Exposure : None recognized.

EMERGENCY AND FIRST AID PROCEDURES: **Call a Physician Immediately!!**

If In Eyes : Flush with large amounts of water, lifting upper and lower lid occasionally, get medical attention.  
If Swallowed : Do not induce vomiting. Immediately drink two glasses of water. Never give anything by mouth to an unconscious person. Call physician immediately.  
If Breathed : If affected, remove individual to fresh air. If breathing is difficult give oxygen. If breathing has stopped give artificial respiration. Keep person warm, quiet. Get medical attention.  
If on Skin : Thoroughly wash exposed area with soap and Water. Remove contaminated clothing. Launder contaminated clothing before re-use.

EFFECTS OF CHRONIC OVEREXPOSURE:

- Inhalation : Inhalation of high concentrations of vapor is harmful and may cause heart irregularities, unconsciousness or death. Vapor reduces oxygen available for breathing and is heavier than air. Aspiration of material into the lung can cause chemical pneumonitis which can be fatal.
- Eyes : Human health effects of over exposure by eye contact with the vapor may include eye irritation with discomfort tearing, or blurring of vision.
- Skin : Prolonged or repeated contact can cause moderate irritation, defatting and dermatitis. Prolonged exposure above the OSHA permissible exposure limits may result in kidney and liver damage.

**SECTION VII – SPILL OR LEAK PROCEDURES**

- Steps to be taken in Case Material is released or Spilled : Ventilate area. Remove all sources of ignition. clean up with inert materials and dispose of in accordance with all local, state and federal regulations.
- Waste Disposal Method : Aerosol container: Do Not puncture or incinerate. Empty containers may be disposed of through normal channels. Full or partially filled containers are considered hazardous waste.

**SECTION VIII – PRECAUTIONS FOR SAFE HANDLING AND USE**

- Respiratory Protection : NIOSH/OSHA approved respirator types suitable for materials in section II recommended. Approved chemical/mechanical filter recommended when ventilation is restricted. Approved air-line type respirators or hoods recommended in confined areas.
- Ventilation : Sufficient ventilation, in volume and pattern, should be provided to keep air contamination below current applicable OSHA permissible exposure limit or ACGIH's TLV limit.
- Protective Gloves : Recommended for prolonged or repeated contact. Wear resistant gloves such as polyvinyl alcohol, polyethylene.
- Eye Protection : Chemical goggles with side shields or face shield recommended.
- Other Protective Equipment : Protective clothing and equipment.
- Hygienic Practices : Wash hands before eating or smoking.

## SECTION IX – SPECIAL PRECAUTIONS

Precautions to be Taken in Handling and Storage : Do Not store in direct sunlight, near open flames, or at temperatures exceeding 120<sup>0</sup>F. Do Not smoke while spraying. Intentional misuse by deliberately concentrating vapors and inhaling contents can be harmful or fatal.

Other Precautions : No information.

## SECTION X – TRANSPORTATION AND STORAGE

SARA SECTION 313:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

TRANSPORTATION AND STORAGE:

DOT Classification : Consumer Commodity ORM-D  
NFPA Codes : No Information

## SECTION XI – HAZARD COMMUNICATION CODES

HMIS CODES:

Health : 2  
Flammability : 4  
Reactivity : 1

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