

SAFETY DATA SHEET



SECTION 1: IDENTIFICATION

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|---------------------------|--------------------------------|--------------------------------|--|
| COMPANY NAME: | AMERICAN INDUSTRIES, INC. | PRODUCT NAME: | PROBE III |
| ADDRESS LINE 1: | 4300 Kahn Drive, Box 1405 | PRODUCT CODE: | 1626 |
| ADDRESS LINE 2: | Lumberton, NC 28359-1405 USA | PRODUCT USE: | Penetrant-Lubricant Moisture Displacer-Protectant |
| TELEPHONE NUMBERS: | 800-753-5153 (or) 910-738-7224 | SDS FILE ID: | 1626.09 |
| EMERGENCY PHONE: | CHEMTREC 1-800-424-9300 | SDS DATE: | 2015-06-01 |
| | | REPLACES VERSION DATED: | 2014-11-04 and all prior versions |

SECTION 2: HAZARDS IDENTIFICATION

Classification: Aspiration Hazard Category 1

Label elements:



Signal Word: Danger
Hazard statements: May be fatal if swallowed and enters airways
Precautionary statements: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting. Store locked up. Dispose of contents/container to an approved waste disposal plant.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

| <u>Chemical name</u> | <u>CAS number</u> | <u>%</u> | <u>OSHA PEL</u> | <u>ACGIH TLV</u> |
|---|-------------------|----------|-------------------------------|-------------------------------|
| Distillates(petroleum),hydrotreated mid | 64742-46-7 | 93 | 5 mg/m ³ ;Oil Mist | 5 mg/m ³ ;Oil Mist |
| Dipropylene Glycol Methyl Ether | 34590-94-8 | 4 | 100 ppm | 100 ppm |
| Octamethylcyclotetrasiloxane | 556-67-2 | 3 | 10 ppm | None Listed |

SECTION 4: FIRST AID MEASURES

Eye Contact: Flush with water for 15 minutes. Seek immediate medical attention.
Skin Contact: Wash exposed areas with water and mild soap. Remove contaminated clothing immediately and launder before reuse. If irritations persist, seek immediate medical attention.
Inhalation: Remove victim to fresh air. Administer oxygen or artificial respiration if breathing is affected or stopped. Seek immediate medical attention.
Ingestion: If swallowed. Do not induce vomiting. Seek immediate medical attention.

SECTION 5: FIRE-FIGHTING MEASURES

Suitable extinguishing media: Water fog, foam, CO₂, dry chemical.
Special firefighting procedures: Use self-contained breathing apparatus and full bunker gear in fire areas. Evacuate all unprotected personnel from area. Keep containers cool with water fog to minimize swelling taking care not to spread flames with water used for cooling.
Unusual firefighting hazards: If container is not properly cooled, it can explode in the heat of a fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions: Use personal protective equipment.
Methods for containment: Contain spill if it can be done with minimal risk. Prevent liquid from entering drains, sewers or waterways. Notify proper authorities.
Methods for clean-up: Using only non-sparking tools and explosion proof equipment, collect spill on absorbent material and put into approved container.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling: "Empty" containers retain residue and/or vapor and may be dangerous. Do not cut, weld, braze solder, drill, grind or expose such containers to heat, flames, sparks, or other ignition sources. Keep containers tightly closed when not in use. Avoid prolonged breathing of mist or vapor. Wash thoroughly after handling. NFPA Class III B storage.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

| <u>Component Name</u> | <u>CAS #</u> | <u>OSHA PEL</u> | <u>ACGIH TLV</u> |
|---|--------------|-------------------------------|-------------------------------|
| Distillates(petroleum),hydrotreated mid | 64742-46-7 | 5 mg/m ³ ;Oil Mist | 5 mg/m ³ ;Oil Mist |
| Dipropylene Glycol Methyl Ether | 34590-94-8 | 100 ppm | 100 ppm |
| Octamethylcyclotetrasiloxane | 556-67-2 | 10 ppm | None Listed |

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| Engineering controls | Adequate local or mechanical to reduce vapor or mist to below the PEL or TLV. |
| Eye/Face protection | Goggles or approved OSHA device with side shields; do not wear contact lenses when handling this product. |
| Skin/Body protection | Impervious solvent resistant gloves. Impervious apron and work boots recommend where splashing may occur. |
| Respiratory protection | Use the proper respirator in areas where the chemical exposure is unknown or above the OSHA PEL or ACGIH TLV. |
| General hygiene considerations | Follow accepted work practices for handling a flammable material. Do not eat, drink or smoke in areas where this chemical is used or stored. Have eye wash stations and safety showers readily available. |

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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| Appearance | Clear, liquid |
| Odor | Mild petroleum odor |
| pH | N/A |
| Melting point/Freezing point | - |
| Flash point | >264°F Based on components |
| Specific gravity | 0.83 |
| Solubility | Negligible |
| Auto-ignition temperature | - |
| Decomposition temperature | - |
| VOC Content | 100% (6.91#/gal) |
| Odor threshold | - |
| Boiling point/Boiling range | 492°F-563°F Based on components |
| Evaporation Rate | Not determined for blend |
| Flammable limits – upper, lower | Not determined for blend |
| Vapor pressure | Not determined for blend |
| Vapor density (air=1) | Not determined for blend |
| Viscosity | - |

SECTION 10: STABILITY AND REACTIVITY

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| Stability | Stable |
| Conditions to avoid | Extreme heat and ignition sources. |
| Incompatibility | None known based on information supplied. |
| Hazardous decomposition or by-products | CO, CO ₂ , and various hydrocarbons under combustion conditions. |
| Hazardous polymerization | Will not occur |
| Polymerization conditions to avoid | None |

SECTION 11: TOXICOLOGICAL INFORMATION

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| Routes of Entry: | Contact and inhalation; ingestion possible. |
| Eyes: | Causes eye irritation including stinging, watering and redness which may result in corneal injury. |
| Skin: | Contact may cause mild skin irritation including redness, burning and drying/cracking of the skin. |
| Inhalation: | May cause irritation to the upper respiratory tract and CNS depression. Low to moderate degree of toxicity by inhalation. |
| Ingestion: | Aspiration hazard. Can enter the lungs during swallowing or vomiting and cause chemical pneumonia and edema. Low degree of toxicity by ingestion. |

Component Information:

| <u>Chemical Name</u> | <u>CAS</u> | <u>Oral LD50</u> | <u>Dermal LD50</u> |
|---|------------|-------------------|----------------------|
| Distillates(petroleum),hydrotreated mid | 64742-46-7 | Rat: >5000 mg/kg | Rabbit: >2000 mg/kg; |
| Dipropylene Glycol Methyl Ether | 34590-94-8 | Rat - 5,152 mg/kg | |
| Octamethylcyclotetrasiloxane | 556-67-2 | Not established | |

Reproductive effects, teratogenicity, mutagenicity, embryo toxicity, sensitization to product, synergistic products: Not determined.

SECTION 12: ECOLOGICAL INFORMATION

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|---------------------------|----------------------------|
| Ecotoxicity | Information not available. |
| Persistence/Degradability | Information not available. |
| Bioaccumulation | Information not available. |
| Mobility in soil | Information not available. |

SECTION 13: DISPOSAL CONSIDERATIONS

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| Waste disposal | Follow Federal, state, and local regulations. If uncontaminated product becomes waste, it is not regulated as a RCRA waste. |
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SECTION 14: TRANSPORT INFORMATION

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| DOT | Not regulated |
| Proper shipping name: | Not regulated |
| Hazard class and label | 0 |
| Identification number | N/A |
| Packaging group | N/A |

SECTION 15: REGULATORY INFORMATION

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| TSCA Status | The components are listed on the TSCA inventory |
| SARA Title III Section 302/304 Extremely Hazardous Substance | No chemicals in this material are subject to the reporting requirements. |
| SARA Title III Section 311/312 Hazard Communication | Acute, Chronic |
| SARA Title III Section 313 Supplier Information | Glycol Ether, 4 % by wt. |
| CERCLA Section 102(a) Hazardous Substance | No chemicals in this material are subject to the reporting requirements. |

SECTION 16: OTHER INFORMATION

Hazardous Materials Identification System (HMIS)

| HMIS® RATING: | |
|---------------|---|
| HEALTH | 1 |
| FLAMMABILITY | 1 |
| REACTIVITY | 0 |

Important Note: *To be the best of our knowledge, the information contained herein is accurate. However there is no assumption of liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist. Since the conditions of handling, storage and disposal of this product are beyond the control of the manufacturer/supplier, the manufacturer/supplier will not be responsible for loss, injury, or expense arising out of the products improper use. Various government agencies may have specific regulations regarding the transportation, handling, storage, use, or disposal of this product which may not be covered by this SDS. The user is responsible for full compliance.*

End of SDS