

MATERIAL SAFETY DATA

PRODUCT NAME: 1912 Adhesive Cleaner HMIS CODES:

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2 2 0

SECTION 1 - MANUFACTURER IDENTIFICATION

PRODUCT CLASS: Flammable solvent.

SUPPLIER'S NAME: ROBERTS CONSOLIDATED INDUSTRIES

ADDRESS: 2501 Lakeview Drive, Mexico, MO. 65265

EMERGENCY PHONE: (800) 424-9300 (Chemtrec) INFORMATION PHONE: (905) 791-4444

DATE REVISED: 02/01/09 NAME OF PREPARER: Peter Sharko

SECTION 11 - HAZARDOUS COMPONENTS:

% (weight) PEL TLV

Aliphatic Hydrocarbons 68 - 72% 500 PPM 100 PPM (CAS# 8052-41-3)

Naphtha 14 - 16% 300 PPM 300 PPM (CAS# 64742-89-8)

Xylene 9 - 11% 100 PPM 150 PPM (CAS# 1330-20-7)

Ethylbenzene 2 - 3% 100 PPM 100 PPM (CAS#100-41-4)

SARA TITLE 302: None.

Sara Title 311/312: Immediate (X), Delayed (), Fire (X), Reactive (), Sudden release of pressure ().

Sara Title 313: Xylene (mixed isomers), CAS No.: 13330-20-7: 11%; Ethylbenzene, CAS 100-41-4: 3%

SECTION III - PHYSICAL DATA

Boiling Point: 240°F. Vapor Pressure: 0.6 - 1.2 mmHg @ 68°F. Specific Gravity: 0.79. Percent Volatiles: 100% +. Impact

Sensitivity: Insensitive.

Sensitivity To Static Discharge: Vapors may be sensitive. VOC (Calculated): 792 grams/Liter. APPEARANCE & ODOR: Clear liquid with a slight aromatic solvent odor.

SECTION IV - FIRE AND EXPLOSION DATA

Flash Point: 50°F (TCC). Auto-Ignition Temperature: 450 - 500°F. Flammable Limits in air, Volume %: Lower: = 0.9% Upper: = 6% Extinguishing Media: CO₂, Foam, Dry Chemical. HAZARDOUS DECOMPOSITION PRODUCTS: May form toxic materials: carbon dioxide and carbon monoxide, various hydrocarbons, etc.

SPECIAL FIRE FIGHTING PROCEDURES: Water may be used to keep fire-exposed containers cool until fire is out. Wear self-contained breathing apparatus with full face piece operated in the positive pressure demand mode with appropriate turn-out gear and chemical resistant personal protective equipment.

UNUSUAL FIRE AND EXPLOSION HAZARD: Never use welding or cutting torch on or near cans (even empty) because resultant pressure could rupture. Empty cans should be incinerated.

SECTION V - HEALTH HAZARD DATA

PERMISSIBLE EXPOSURE LEVEL: 100 PPM. THRESHOLD LIMIT VALUE: 100 PPM. EFFECTS OF EXPOSURE: Eyes: Can cause mild irritation, redness, tearing. Skin: Prolonged or repeated contact can cause moderate irritation, defatting, dermatitis.

Breathing: Excessive inhalation of vapors can cause nasal and respiratory irritation, dizziness, weakness, fatigue, nausea, headache, possible unconsciousness, and even asphyxiation. Swallowing: Can cause gastrointestinal irritation, nausea, vomiting, and diarrhea.

FIRST AID: Skin: Soap and water. Eyes: Flush with water, lifting upper and lower lids occasionally. Ingestion: Do not induce vomiting. Call physician or transport to an emergency facility. Inhalation: If affected, remove individual to fresh air. If breathing is difficult, administer oxygen. If breathing has stopped, give artificial respiration. USE ONLY IN WELL VENTILATED AREAS.

SECTION VI - REACTIVITY DATA

Hazardous Polymerization: None known. Stability: Stable. Incompatibility: Avoid contact with strong oxidizing agents.

Conditions to avoid: Extreme Heat, Sparks and Open Flames.

SECTION VII - SPILL OR LEAK PROCEDURES STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Absorb liquid on paper, vermiculite, floor absorbent, or other absorbent material and transfer to hood. Allow volatile portion to evaporate in hood. Allow sufficient time for vapors to completely clear hood ductwork. Dispose of remaining material in accordance with applicable regulations.

SECTION VIII - PROTECTIVE EQUIPMENT

VENTILATION: Adequate ventilation is essential to prevent vapor buildup. Open all available windows and entrances to insure good ventilation. Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below TLV. RESPIRATOR PROTECTION: Adequate ventilation is normally sufficient. If TLV of the product or any component is exceeded or eyes begin to water or dizziness or headaches are experienced, increase fresh air supply, wear an NIOSH approved respirator, or leave the area. Engineering or administrative controls should be implemented to reduce exposure. PROTECTIVE GLOVES: Wear protective gloves to prevent skin contact. EYE PROTECTION: Wear glasses or protective goggles to avoid slashes. OTHER PROTECTIVE EQUIPMENT: None required. WASH HANDS THOROUGHLY WITH SOAP AND WATER.

SECTION IX - STORAGE AND HANDLING DATA: Containers of this material may be hazardous when emptied. Since emptied containers retain product residues (vapor/ liquid), all hazard precautions given in the data sheet must be observed. KEEP OUT OF REACH OF CHILDREN. Use only in applications as stated on the label. Do not take internally. Close container after each use. Avoid skin and eye contact.

SECTION XI- SHIPPING DATA:

D.O.T. Proper Shipping Name (49CFR172.101-102): Petroleum Distillates, N.O.S. Flammable Liquid, UN 1993, PG II.

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