

IF INHALED:

Remove from exposure to fresh air. If breathing is difficult, give oxygen. If breathing has stopped, give artificial respiration. Keep person warm and quiet. Get medical attention immediately.

IN CASE OF SKIN CONTACT:

Immediately wash with soap and water. Remove contaminated clothing and shoes. Wash or clean thoroughly before reuse. Get medical attention if irritation persists.

IN CASE OF EYE CONTACT:

Immediately flush with plenty of water for 15 minutes, while lifting upper and lower eyelids. Get medical attention.

IF SWALLOWED:

DO NOT induce vomiting. Call Poison Control Center (1-800-222-1222) or physician immediately. Note: Aspiration of solvents may result in chemical pneumonia.

===== SECTION V - FIREFIGHTING MEASURES =====

EXTINGUISHING MEDIA: FOAM, CO2, DRY CHEMICAL, WATER FOG

SPECIAL FIREFIGHTING PROCEDURES:

Evacuate all unnecessary personnel. Use full protective equipment, including self-contained breathing apparatus.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Product can splatter when heated. Dried film can burn. Vapors are heavier than air and may travel along ground to distant sources of ignition.

Hazardous combustion products: see SECTION X

===== SECTION VI - ACCIDENTAL RELEASE MEASURES =====

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:

If odor is strong or spill is excessive, ventilate area, evacuate unnecessary personnel and wear full protective equipment. Dike and contain spill with inert material. Transfer liquid to containers for disposal or recovery. Prevent material from entering storm drains or sanitary sewers and open bodies of water.

For specific information: see SECTION VIII

===== SECTION VII - HANDLING AND STORAGE =====

KEEP OUT OF REACH OF CHILDREN. FOR INDUSTRIAL USE ONLY!

PRECAUTIONS FOR SAFE HANDLING:

Keep liquid and vapors away from heat, sparks and flame. Turn off or remove all sources of ignition. Use proper methods of ventilation to prevent vapor build-up. Avoid contact with hot metal surfaces. When pouring large volumes, avoid free fall of liquids in excess of a few inches to prevent static charge build-up. Avoid breathing vapors and sanding or grinding dusts. Avoid contact with eyes and skin. Do not take internally. Use adequate methods of ventilation, respiratory and personal protective equipment. Do not reuse, weld, drill or heat empty containers which may contain explosive vapors. Follow label warnings until thoroughly cleaned or sent for disposal. Do not remove or deface label. Do not transfer to unlabeled container.

CONDITIONS FOR SAFE STORAGE:

Keep container closed when not in use and during transit. Do not store above 120 deg. F (50 deg. C). Keep in upright position and protect container from damage. Store in buildings or areas designed and protected for storage of products with this flammability rating. Do not store where contact with incompatible material could occur, even during an accidental spill or release. Before using two-component coatings, read the MSDS and label of both products. Mixtures will have hazards of both components. To avoid spontaneous combustion, soak soiled oily rags and waste in water filled metal containers.

===== SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION =====

COMPONENTS WITH WORKPLACE CONTROL PARAMETERS:

STODDARD SOLVENT, MINERAL SPIRITS: ACGIH TLV: 100 ppm OSHA PEL: 500 ppm ACGIH TLV: 525 mg/m3 TWA
MINERAL SPIRITS-NAPHTHA MEDIUM ALIPHATIC: ACGIH TLV: 100 ppm OSHA PEL: 500 ppm
TRIMETHYL BENZENE (MIXED ISOMERS): ACGIH TLV: 25 ppm OSHA PEL: Not Est. ACGIH TLV: 123 mg/m3
1,2,4-TRIMETHYLBENZENE: ACGIH TLV: 25 ppm OSHA PEL: Not Est ACGIH: 123 mg/m3 TWA

RESPIRATORY PROTECTION:

Ensure fresh air entry during application and drying. If you experience eye watering, headache or dizziness or if air monitoring demonstrates vapor/mist levels are above applicable limits, wear an appropriate, properly fitted respirator (NIOSH approved) during and after application. Follow respirator manufacturer's instructions for use.

VENTILATION:

USE ONLY WITH ADEQUATE VENTILATION. Provide mechanical ventilation, local exhaust or other appropriate means of ventilation to prevent vapor build-up.

HAND PROTECTION:

Wear impermeable gloves to prevent skin contact. Consult safety equipment supplier for specific recommendations of construction materials.

EYE PROTECTION:

Wear chemical goggles designed to protect eyes against vapors, liquid splash and mists unless full facepiece respirator is worn. Note: Contact lenses may contribute to the severity of an eye injury and should not be worn when working with chemicals.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

Wear protective clothing, including headcap, to avoid skin contact with liquid or overspray.

APPROPRIATE ENGINEERING CONTROLS:

Eye washes and safety showers are recommended in the workplace. Wash hands after using and before eating, drinking or using tobacco products. Thoroughly clean contaminated clothing and shoes before reuse. Periodically monitor exposure levels to hazardous ingredients listed in section II and review permissible limits.

===== SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES =====

BOILING RANGE: 168 - 350

FLASH POINT: 102

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 0.6 UPPER: 8

MELTING POINT:

DENSITY: 7.25-7.33 lb/gl

RELATIVE DENSITY: No Data

V.O.C (Coating): 3.83-4.06 lb/gl 460-487 g/l

V.O.C (Material): 3.83-4.06 lb/gl 460-487 g/l (Actual Emitted VOC)

LB HAP/LB SOLIDS 0.00

LB VOC/LB SOLIDS 1.09-1.27

SOLIDS % BY WEIGHT 44.1-47.7

VAPOR DENSITY: Heavier than air.

VAPOR PRESSURE: See SECTION III

EVAPORATION RATE: Slow (compared to n-butyl acetate)

SOLUBILITY IN WATER: Appreciable

APPEARANCE AND ODOR: Translucent liquid, mild odor.

VISCOSITY: No Data

===== SECTION X - STABILITY AND REACTIVITY =====

REACTIVITY:

Will not occur.

STABILITY:

Stable

POSSIBILITY OF HAZARDOUS REACTIONS:

Not Applicable

CONDITIONS TO AVOID:

High temperature and humidity, ignition sources and vapor build-up.

INCOMPATIBILITY (MATERIALS TO AVOID):

Strong Oxidizing agents

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

Carbon Monoxide Carbon Dioxide Hydrocarbons

===== SECTION XI - TOXICOLOGICAL INFORMATION =====

ACUTE TOXICITY:

1,2,4-TRIMETHYLBENZENE: LD50 Oral - Rat - male - 6,000 mg/kg

PRIMARY ROUTE(S) OF EXPOSURE: Inhalation, skin contact, ingestion.

INHALATION:

Vapors and mists irritate nose, throat and lungs (burning, stinging, coughing). May cause headache, dizziness, nausea, weakness, shortness of breath and loss of coordination. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. Exposure to extremely high vapor concentrations may cause unconsciousness and asphyxiation.

EYE CONTACT:

Contact with liquid or vapors causes irritation (redness, watering, itching, stinging, blurred vision).

SKIN CONTACT:

Contact causes irritation (dryness, itching, cracking, rash and swelling).

SKIN ABSORPTION:

May be absorbed through the skin in harmful amounts. Symptoms may include headache, dizziness, nausea, weakness, loss of coordination.

SWALLOWING:

Causes nausea, vomiting and diarrhea.

CARCINOGENICITY:

NTP CARCINOGEN: No **IARC MONOGRAPHS:** No **OSHA REGULATED:** No

MEDICAL CONDITIONS POSSIBLY AGGRIVATED BY EXPOSURE:

Respiratory tract irritation, nausea, eye disorders, skin disorders, sensitization to chemical substances.

===== SECTION XII - ECOLOGICAL INFORMATION =====

TOXICITY:

1,2,4-TRIMETHYLBENZENE: Toxicity to fish flow-through test LC50 - Pimephales promelas (fathead minnow) - 7.72 mg/l - 96.0 h
Toxicity to daphnia and other aquatic invertebrates static test EC50 - Daphnia magna (Water flea) - 3.6 mg/l - 48 h

===== SECTION XIII - DISPOSAL CONSIDERATIONS =====

WASTE DISPOSAL METHODS:

Waste material and empty containers must be disposed of in accordance with all local, state and federal environmental control regulations. Use only approved waste management facilities.

===== SECTION XIV - TRANSPORT INFORMATION =====

DOT (US): COMBUSTIBLE LIQUID, NOT REGULATED

===== SECTION XV - REGULATORY INFORMATION =====

COMMUNITY RIGHT TO KNOW LISTS

MASSACHUSETTS RIGHT TO KNOW:

1,2,4-TRIMETHYLBENZENE STODDARD SOLVENT, MINERAL SPIRITS TRIMETHYL BENZENE (MIXED ISOMERS)

PENNSYLVANIA RIGHT TO KNOW:

1,2,4-TRIMETHYLBENZENE STODDARD SOLVENT, MINERAL SPIRITS TRIMETHYL BENZENE (MIXED ISOMERS)

NEW JERSEY RIGHT TO KNOW:

1,2,4-TRIMETHYLBENZENE TRIMETHYL BENZENE (MIXED ISOMERS)

===== DISCLAIMER =====

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