



SAFETY DATA SHEET

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: WEAR-TEK 4400 CLEAR

PRODUCT CODES: 4400

MANUFACTURER: KRETETEK INDUSTRIES

STREET ADDRESS: 66 RIVER ROAD

CITY, STATE, ZIP: HUDSON, NH 03051

INFORMATION PHONE: 855-573-8383

EMERGENCY PHONE: Chemtrec 800-424-9300

FAX PHONE: 855-573-8383

DATE REVISED: 6/1/17

SECTION 2: HAZARDS IDENTIFICATION

Emergency Overview: Toxic gases may be given off during burning or thermal decomposition. Closed container may forcibly rupture under extreme heat or when contents have been contaminated with water.

Effects of Overexposure:

SKIN: May cause dermal sensitization. May be absorbed through skin. **EYES:** Contact may cause severe damage. Vapor may irritate.

BREATHING: Inhalation may cause headache, dizziness, nausea and irritation. Inhalation of spray mist may be toxic.

SWALLOWING: Harmful or fatal if swallowed.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

| <u>COMPONENT</u> | <u>CAS #</u> | <u>APPROX %</u> | <u>TLV</u> |
|--------------------------------------|--------------|-----------------|---------------|
| Isophorone Di-isocyanate Homopolymer | 53880-05-0 | 43.0 | N/A |
| Tert Butyl Acetate | 540-88-5 | 36.0 | 150 ppm TWA |
| Naphtha, Light Aromatic Solvent | 64742-95-6 | 10.0 | N/A |
| Methyl Amyl Ketone | 110-43-0 | 10.0 | 50.0ppm TWA |
| Isophorone Di-isocyanate | 4098-71-9 | <1.0 | 0.005 ppm TWA |

SECTION 4: FIRST AID MEASURES

SKIN: Clean thoroughly with waterless hand cleaner, followed by soap and water.

EYES: Flush with clear water for 15 minutes and seek immediate medical attention.

BREATHING: Move victim to fresh air and give artificial respiration or oxygen if needed.

SWALLOWING: Do NOT induce vomiting. Seek immediate medical attention.

SECTION 5: FIRE-FIGHTING MEASURES

FLASH POINT (METHOD USED): 97° F. Closed Cup (ASTM D50).

FLAMMABLE LIMITS: Lel 0.9; Uel 6.0

EXTINGUISHING MEDIA: Carbon dioxide; dry chemical; foam.

SPECIAL FIRE FIGHTING PROCEDURES: If excessive fumes or smoke is encountered, wear self-contained breathing apparatus and full protective equipment.

UNUSUAL FIRE & EXPLOSION HAZARDS: Sealed containers may build up pressure if exposed to heat (fire). Water can be used to cool the exterior of the containers.

DECOMPOSITION PRODUCTS: Oxides of carbon, nitrogen, possible HCN and polyurethane combustion compounds.

SECTION 6: RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Cover with a layer of sand or other suitable absorbent. Use protective measures as outlined in Section 8 below. Avoid contact with skin, eyes and clothing.

SECTION 7: HANDLING AND STORAGE

CAUTION: Flammable liquid. Keep away from all sources of ignition. Use with adequate ventilation. Avoid prolonged or repeated contact with skin. Avoid contact with moisture. Store between 40° F and 80° F.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

RESPIRATORY PROTECTION (SPECIFY TYPE): In confined spaces use fresh air hood or NIOSH certified organic vapor canister unit.

If used indoors, ventilate well using a general or local exhaust ventilation. Ref: OSHA's respirator regulations in 29CFR 1910.134.

EYE PROTECTION: Wear chemical splash goggles or face shield. Do not wear contact lenses while working with this material. Ref: OSHA's eye and face protections in 29CFR 1910.133.

SKIN PROTECTION: Nitrile rubber gloves to prevent skin contact.

OTHER PROTECTIVE EQUIPMENT: Coveralls and/or apron, rubber shoes or boots, eye wash station or fresh running water should be readily available.

PERSONAL HYGIENE: Wash hands thoroughly after handling and especially before eating or smoking. Shower at the end of work shift.

Wash contaminated clothing before reuse.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|-----------------------|-----------|---------------------------------------|---------|
| BOILING POINT (F) | 312° | SPECIFIC GRAVITY (H ² O=1) | 0.93 |
| VAPOR PRESSURE | 10 | PERCENT, VOLATILE BY VOLUME | 56% |
| VAPOR DENSITY (AIR=1) | 4.8 | EVAPORATION RATE (N.B.A.=1) | 0.25 |
| SOLUBILITY IN WATER | Insoluble | pH (5% SLURRY) | Neutral |

APPEARANCE & ODOR - Clear liquid with sweet, perfume-like odor.

SECTION 10: STABILITY AND REACTIVITY

STABILITY: Stable.

INCOMPATIBILITY (MATERIALS TO AVOID): Water (moisture); alcohols; amines; strong acids and bases.

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon and nitrogen, possible HCN and polyurethane combustion compounds.

HAZARDOUS POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: Excessive heat and/or wet conditions.

SECTION 11: TOXICOLOGICAL INFORMATION

ACUTE ORAL TOXICITY: Moderate

ACUTE INHALATION TOXICITY: Serious

ACUTE DERMAL TOXICITY: Moderate

SENSITIZATION: Possible

MUTAGENICITY: Negative

CARCINOGENICITY: Not Classifiable

SECTION 12: ECOLOGICAL INFORMATION

BIODEGRADATION: Slow

TOXICITY TO FISH: Slight

TOXICITY TO AQUATIC INVERTEBRATES: Slight

TOXICITY TO MICRO ORGANISMS: Slight

ATMOSPHERIC OXIDATION OF VOLATILES: Degrades Rapidly

BIOACCUMULATION: Minimal

TOXICITY TO PLANTS: Slight

SECTION 13: WASTE DISPOSAL

Dispose of in accordance with existing federal, state, and local environmental laws.

SECTION 14: TRANSPORTATION

PROPER SHIPPING NAME: Wear-Tek 4400 Clear

Paint HAZARD CLASS: 3

PACKING GROUP: III

ID #: UN 1263

RQ: None

TRANSPORT LABELS REQUIRED: Flammable liquid.

SECTION 15: REGULATORY INFORMATION

See reference data for individual components

SECTION 16: OTHER INFORMATION

| | |
|---------------------|---|
| Health | 3 |
| Flammability | 2 |
| Physical Hazard | 1 |
| Personal Protection | H |

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