

MATERIAL SAFETY DATA SHEET

DynaKote 1000

1-1-09

SECTION 1

PRODUCT AND MANUFACTURER INFORMATION

Trade name: DynaKote 1000 Product Code: 6401-6406
Emergency Phone: (800) 476-2072 Information Phone (423) 899-0467
Manufacturer: Superior Industries, Inc. P.O.Box 8; Chattanooga, TN 37401

SECTION 2

HAZARDOUS INGREDIENTS. Exposure Limits
Ingredient(s) CAS No. TLV PEL SARA 313
Aromatic Naphtha 64742-95-6 100 ppm 500 ppm No
Mineral Spirits 8052-41-3 100 ppm 500 ppm No
NON HAZARDOUS INGREDIENTS
Titanium Dioxide 13463-67-7 5 mg --- No
Styrene / Acrylate Polmer 251-53-46-2 N/E --- -
Calcium Carbonate 1317-65-3 2 mg N/E No
Chlorinated Paraffin 63449-39-9 N/E --- -

Notes:

- 1. "TLV" means the Threshold Limit Value exposure (8-hour time weighted average unless otherwise noted) established by ACGIH.
2. "PEL" refers to the Permissible Exposure Limits for airborne contaminants as specified in 29 CFR 1900-1000.
3. "NE" indicates that neither a TLV nor OSHA Permissible Exposure Limit has been established.

SECTION 3

PHYSICAL PROPERTIES

INITIAL BOILING POINT: 139 1/2 F TO 305 1/2 F SPECIFIC GRAVITY: (H2O=1): 1.35 pH: N/A
VAPOR DENSITY: Heavier than air SOLUBILITY IN WATER: Non-soluble
FREEZING POINT: N/A VOC: Maximum 340 grams / liter
APPEARANCE AND ODOR: White or colored liquid with a typical solvent odor
EVAPORATION RATE: Slower than n-Butyl Acetate

SECTION 4

FIRE AND EXPLOSION HAZARD

FLASH POINT ° F (Tag Closed Cup): 105 F
FLAMMABLE LIMITS IN AIR BY VOLUME: LOWER: 0.6% UPPER: 7.0%
EXTINGUISHING MEDIA: Foam, alcohol foam, CO 2, dry chemical
SPECIAL FIRE FIGHTING PROCEDURES: Wear complete fire service protective equipment, including full-face MSHA/NIOSH approved self-contained breathing apparatus. Use water to cool fire exposed containers, structures and project personnel.
UNUSUAL FIRE & EXPLOSION HAZARDS: Heat/fire conditions. Vapors from flammable/explosive mixtures in air. Vapors are heavier than air and may travel via ground, pit or sewer to ignition source and flash back. Open and closed containers may contain flammable or explosive vapors. Closed containers may explode when exposed to extreme heat or fire. Under fire conditions, it may emit irritant/toxic gas and/or fumes.
SENSITIVITY TO IMPACT: N/A

SECTION 5

REACTIVITY DATA

STABILITY: Stable CONDITIONS TO AVOID: Sparks, heat and open flame
INCOMPATIBILITY: Oxidizing agents, aluminum or galvanized (Zinc) parts in a pressurized fluid system may cause violent reaction
HAZARDOUS DECOMPOSITION OR BY-BY PRODUCTS: CO 2, phosgene, hydrogen chloride

SECTION 6

HEALTH HAZARD DATA.

Routes of exposure: Exposure may be inhalation and/or skin or eye contact, depending on conditions of use. Follow recommendations for proper use, ventilation, and personal protective equipment to minimize Exposure.

Acute Health Hazards:

Effects of Overexposure: Irritation of eyes, skin, and respiratory system. May cause nervous system depression. Extreme overexposure may result in unconsciousness and possibly death.

Signs and Symptoms of Overexposure: Headache, dizziness, nausea, and loss of coordination are

Indications of excessive exposure to vapors and spray mists. Redness and itching or burning sensation may indicate eye or excessive skin exposure.

Emergency and First Aid Procedures:

Eyes: Flush eyes with large amounts of water for 15 minutes while holding eyelids open. Get medical attention.

Skin: Immediately remove contaminated clothing, and wash with plenty of soap and water. Get medical attention if symptoms persist.

Inhalation: Remove patient to fresh air. Administer oxygen if breathing is difficult. Keep warm and quiet. Get medical attention.

Ingestion: Do not induce vomiting. Give patient milk or water to dilute. Immediately consult physician.

Medical Conditions Aggravated by Exposure: None generally recognized.

Chronic Health Hazards: Prolonged overexposure to solvent ingredients in section II may cause adverse effects to the liver, urinary, blood forming, cardiovascular, and reproductive systems. Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage.

===== SECTION 7.

REACTIVITY DATA.

Stability: Stable.

Conditions to avoid: Keep containers closed at all times.

Incompatibility: Contamination with water, acids, or alkalis can cause evolution of hydrogen, which may result in dangerously increased pressures in closed containers.

Hazards Decomposition Products: Carbon monoxide and/or carbon dioxide.

Hazardous Polymerization: Will not occur.

===== SECTION 8.

SPILL OR LEAK PROCEDURES.

Steps to be taken in case material is released or spilled. Remove all sources of ignition. Ventilate and remove with inert absorbent.

Waste Disposal Method

Waste from this product may be hazardous as defined under the Resource Conservation and Recovery Act (RCRA), 42 U.S.C. section 6901 et seq., and regulations there under, 40 C.F.R. Part 261. Dispose of in accordance with applicable federal, state and local regulations.

=====SECTION 9.

PROTECTION INFORMATION.

Use only with adequate ventilation. Avoid breathing vapor and spray mist. Avoid contact with skin and eyes. Wash hands after using.

Ventilation.

Local exhaust preferable. General exhaust acceptable if the exposure to materials in section II is maintained below applicable exposure limits. Refer to OSHA standards 1910.94, 1910.107, and 1910.108.

Respiratory Protection.

If personal exposure cannot be controlled ventilation, wear properly fitted organic vapor/particulate respirator approved by NIOSH/MSHA for protection from materials in section II.

Protective Gloves.

Wear gloves, which are recommended by glove supplier for protection against materials in Section II.

Eye Protection.

Wear safety spectacles with imperforated side shields.

=====SECTION 10.

PRECAUTIONS.

Precautions to be taken in Handling and Storing.

Keep away from heat, sparks, and open flame.

During use and until all vapors are gone: keep area ventilated -- DO NOT SMOKE -- extinguish all flames, pilot lights and heaters -- turn off stoves, electric tools and appliances, and any other source of ignition.

Consult NFPA code. Use approved bonding and grounding procedures.

Keep container closed when not in use. Transfer only to approved containers with complete and appropriate labeling. Do not take internally. Keep out of the reach of children.

The above information pertains to this product as currently formulated, and is based on the information available at this time. Addition of reducers or other additives to this product may substantially alter the composition and hazards of the product. Since conditions of use are outside our control, we make no warranties, expressed or implied, and assume no liability in connection with any use of this information.