



HILLSBORO ELEMENTARY SCHOOLS

215 S.E. 6th Ave.
HILLSBORO, OR 97123

MATERIAL SAFETY DATA SHEET

SC 0021

SECTION I

PRODUCT CODE NUMBER: _____ *TLV: _____
MANUFACTURER'S NAME: Wite-Out Products, Inc. EMERGENCY INFORMATION: _____
MANUFACTURER'S ADDRESS: 10114 Bacon Drive, Beltsville, MD 20705
PRODUCT: Wite-Out Thinner (for solvent correction fluid) COMMON NAME: _____
GENERIC NAME: _____ CHEMICAL NAME: _____
CHEMICAL FAMILY: _____ DOT PROPER SHIPPING NAME: N/A
WARNING STATEMENTS: N/A

SECTION II - INGREDIENTS

C.A.S. #	%	TLV
1,1,1 Trichloroethane	71-55-6	

* Threshold limit value set by (A) OSHA, (B) ACGIH, (C) See Section III, (D) Other, (NE) Not Established (Units are in PPM unless otherwise specified)

SECTION III - PHYSICAL DATA

APPROXIMATE BOILING RANGE: 165°F 73.9 °C VAPOR PRESSURE: @ 77 °F 135 mmHg
VAPOR DENSITY 4.55 SOLUBILITY IN WATER: Negligible
SPECIFIC GRAVITY 1.32 PERCENT VOLATILE: by volume: 100
EVAPORATION RATE (Ether = 1) APPROXIMATE BULK DENSITY: pH: 6.0 to 7.5

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

None when tested in accordance with DDT
FLASH POINT RANGE: requirements, IEL: 7 IEL: 15 EXTINGUISHING MEDIA: Dry Chemical, Chemical Foam, Carbon Dioxide
FIRE FIGHTING PROCEDURES: Fires involving large quantities (e.g. warehouse) self-contained breathing apparatus is recommended. DOT FLAMMABILITY: N/A
UNUSUAL FIRE AND EXPLOSION HAZARDS: Hazardous decomposition products.

SECTION V - EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: Flush eye thoroughly and repeated with water. If irritation persists, contact a physician.SKIN CONTACT: Cleanse skin thoroughly with soap and water.INHALATION: None normally anticipated. If abusive use situation, move individual to an area with fresh air and contact a physician immediately.INGESTION: Contact physician or Poison Control Center. NOTES TO PHYSICIAN: Do not use sympathomimetic agent (e.g. epinephrine) in instances of halogenated hydrocarbon poisoning. Possible induction of ventricular fibrillation can occur.

SECTION VI - PHYSIOLOGICAL EFFECTS AND HEALTH INFORMATION

ACUTE EFFECTS. OCCUPATIONAL EXPOSURE LIMITS (PEL's, TLV's, etc.) 8 hour TWA for 1,1,1 Trichloroethane is 350 ppm (OSHA). ROUTES OF EFFECTS OF EXPOSURE: Inhalation: No foreseeable ill effects under normal use conditions. If solvent vapors are deliberately concentrated and inhaled (abusive use) the following symptoms may occur: Respiratory irritation, Drowsiness, Dizziness, Nausea, Headache, Unconsciousness, Cardiac Sensitization, Coma and Death.

INGESTION: No foreseeable ill effects under normal use conditions. Dependent upon quantity ingested, most of the above symptoms may occur. LD50 in rats > 5 ml/kg. Vomiting and subsequent aspiration into the lungs may lead to chemical pneumonia and pulmonary edema which is a potentially fatal condition.

SKIN: Contact-No foreseeable ill effects anticipated under normal use conditions. Dermal irritation may occur if contact is prolonged or repeated. ABSORPTION: No foreseeable ill effects anticipated under normal use conditions. Solvents can be absorbed through the skin in prolonged contact, but acutely toxic amounts are not likely.

SECTION VII - REACTIVITY DATA Eye Contact: Irritation.

STABILITY (Conditions to Avoid): Stable. Vapors concentrated in unventilated area can be ignited by flame or high energy spark.

INCOMPATIBILITY (Materials to Avoid): Nitrogen tetroxide, Caustics, Aluminum, Barium, Lithium, Magnesium, Potassium nitrate.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal degradation (open flame) can produce trace amounts of phosgene, hydrogen chloride and chlorine.

HAZARDOUS POLYMERIZATION (Conditions to Avoid): Will not occur.

SECTION VIII - SPILL OR LEAK PROCEDURES

PROCEDURES IN CASE OF RELEASE OR SPILL: Clean up spills with absorbent towels, tissues. Dispose as normal trash. No extraordinary procedures required for small quantity spillage. Large quantity spillage procedures: Evacuate area, provide maximum ventilation. Only personnel with proper respiratory and skin/eye protection to be permitted in area. Recover spilled solvent with absorbent such as sawdust, vermiculite.

WASTE DISPOSAL METHOD: Large quantity disposal: care must be taken to avoid environmental contamination. Recovered liquids may be incinerated or treated in a permitted hazardous waste management facility.

SECTION IX - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: None required under normal use conditions.

VENTILATION: None required under normal use conditions.

PROTECTIVE GLOVES: None required under normal use conditions.

EYE PROTECTION: None required under normal use conditions.

OTHER PROTECTIVE EQUIPMENT: N/A

SECTION X - STORAGE AND SPECIAL PRECAUTIONS

HANDLING AND STORING PRECAUTIONS: No unusual requirements when used as intended and directed. Large quantity storage (warehouse) should be in a well ventilated, cool area. Avoid excessive heat.

OTHER PRECAUTIONS:

SECTION XI - DOCUMENTARY INFORMATION

PRODUCT CODE NUMBER:

ISSUE DATE:

REPLACES MSDS NUMBER:

PREVIOUS PRODUCT CODE NUMBER:

PREVIOUSLY ISSUED: January 1, 1986