



HILLSBORO ELEMENTARY SCHOOLS

215 S.E. 5th Ave.
HILLSBORO, OR 97123

MATERIAL SAFETY DATA SHEET

SC 0019

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: "Formula 109" 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		
Titanium Dioxide	13463-67-7		
Resins			
Dispersants			
Colorants			

* 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: 189°F 87.2°C VAPOR PRESSURE: @ 68 °F < 100 mmHg
 VAPOR DENSITY: 4.53 SOLUBILITY IN WATER: ~0.1% @ 25°C
 SPECIFIC GRAVITY: 1.4 PERCENT VOLATILE: by ~100
 EVAPORATION RATE: (Ether = 1) ~2.7 APPROXIMATE BULK DENSITY: pH: N/A

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT RANGE: None established. EXTINGUISHING MEDIA: Dry Chemical, Carbon Dioxide, Chemi-
Fires involving large quanti- DOT FLAMMABILITY: Foam
 FIRE FIGHTING PROCEDURES: ties (e.g. warehouse) self-con- CLASSIFICATION: N/A
tained breathing apparatus is recommended.
 UNUSUAL FIRE AND EXPLOSION HAZARDS: Hazardous decomposition products.

SECTION V - EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: Flush eye thoroughly and repeatedly 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: Consult physician or Poison Control Center. NOISES 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.

Under use conditions TWA for 1,1,1 Trichloroethane is < 1 ppm. ROUTES/EFFECTS OF EXPOSURE: Inhalation: No foreseeable ill effects anticipated 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, cardiac sensitization, coma and death. INGESTION: No foreseeable ill effects anticipated under normal use conditions. Dependent upon amount ingested, most of the above symptoms may occur. LD50 in rats = > 5 ml/kg. SKIN: Contact-No foreseeable ill effects anticipated under normal use conditions. Dermal irritation may occur if contact is prolonged or repeated. SKIN 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

STABILITY (Conditions to Avoid): Stable. N/A

INCOMPATIBILITY (Materials to Avoid): Caustics, aluminum, barium, lithium, magnesium, potassium nitrate, nitrogen tetroxide.

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.

WASTE DISPOSAL METHOD: Dispose as normal trash.

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: Product is defined as non-hazardous when used as intended/directed in an office/room with normal air circulation.

SECTION X - STORAGE AND SPECIAL PRECAUTIONS

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

OTHER PRECAUTIONS:

SECTION XI - DOCUMENTARY INFORMATION

PRODUCT CODE NUMBER:

ISSUE DATE:

REPLACES MSDS NUMBER:

PREVIOUS PRODUCT CODE NUMBER:

PREVIOUSLY ISSUED: January 1, 1986