



HILLSBORO ELEMENTARY SCHOOLS

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

MATERIAL SAFETY DATA SHEET

SC. 0005

SECTION I

PRODUCT CODE NUMBER _____ *TLV _____
 MANUFACTURER'S NAME Simmons Supply Co. EMERGENCY INFORMATION: 503-227-2461
 MANUFACTURER'S ADDRESS: 421 SW Hall St., Portland, OR 97201
 PRODUCT: Duplicator Fluid COMMON NAME: _____
 GENERIC NAME: _____ CHEMICAL NAME: Methanol
 CHEMICAL FAMILY: Alcohol DOT PROPER SHIPPING NAME: _____
 WARNING STATEMENTS _____

SECTION II - INGREDIENTS

	%	TLV
Methanol	95	200

* 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: 64.5 C 148 F VAPOR PRESSURE: 20 C 91mm
 VAPOR DENSITY: 1.11 SOLUBILITY IN WATER: Miscible in all proportions
 SPECIFIC GRAVITY: 20/20 (0.7927) PERCENT VOLATILE: _____
 EVAPORATION RATE: (ether=1) : 5.2 APPROXIMATE BULK DENSITY: _____

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT RANGE: 60 F T.O.C. EXTINGUISHING MEDIA: Carbon Dioxide, Dry Chemical, Water fog or "Alcohol Type" foam
 FIRE FIGHTING PROCEDURES: _____ DOT FLAMMABILITY CLASSIFICATION: 6.0 LEL 36.5 UEL
 UNUSUAL FIRE AND EXPLOSION HAZARDS: Can react vigorously with oxidizing materials.

SECTION V - EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: Irrigate eyes thoroughly with water.
 SKIN CONTACT: Wash with soap and water. Remove contaminated clothes & wash skin.
 INHALATION: Remove from contaminated atmosphere and give artificial respiration & oxygen if necessary.
 INGESTION: _____

SECTION VI - PHYSIOLOGICAL EFFECTS AND HEALTH INFORMATION

ACUTE EFFECTS TLV: 200 ppm (260 MG/) Overexposure: Irritation of mucous membranes & symptoms of systemic disturbances. Toxicity which includes weakness, 'fatigue, dizziness, inebriation, headache, and G.I.

CHRONIC EFFECTS:

SECTION VII - REACTIVITY DATA

STABILITY (Conditions to Avoid):

INCOMPATIBILITY (Materials to Avoid): Inorganic acids, aldehydes & isocyanate

HAZARDOUS DECOMPOSITION PRODUCTS:

HAZARDOUS POLYMERIZATION (Conditions to Avoid):

SECTION VIII - SPILL OR LEAK PROCEDURES

PROCEDURES IN CASE OF RELEASE OR SPILL Does not apply - Product Distributed in one (1) gallon D.O.T. approved containers.

WASTE DISPOSAL METHOD:

SECTION IX - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION Self contained breathing apparatus, positive pressure hose mask, airline mask.

VENTILATION Hood enclosures & downdraft exhaust equipment where general venilation is inadequate.

PROTECTIVE GLDVES Rubber or other impervious material

EYE PROTECTION Chemical safety goggles

OTHER PROTECTIVE EQUIPMENT Rubber clothing to guard against splashing.

SECTION X - STORAGE AND SPECIAL PRECAUTIONS

HANDLING AND STORING PRECAUTIONS: The most important factor in prevention of injury from methanol is avoidance of oral intake and prolonged breathing of concentrated vapors.

Prolonged or repeated contact by liquid or vapor with the skin should be avoided. All source of ignition should be removed from storate and handling areas.

OTHER PRECAUTIONS

SECTION XI - DOCUMENTARY INFORMATION

PRODUCT CODE NUMBER:

ISSUE DATE:

REPLACES MSDS NUMBER:

PREVIOUS PRODUCT CODE NUMBER:

PREVIOUSLY ISSUED: