

From: REPEAT-O-TYPE Mfg. Corp.
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To: Amy
University of Wisconsin - Whitewater

Date: December 7, 1995

re: MSDS

The following is our Material Safety Data Sheet for Spirit Duplicating Fluid # 1001P.

If you have any other questions, please give me a call at 800-288-3330.

Thanks

Stephanie Sciveres
Customer Service Manager

MATERIAL SAFETY DATA SHEET

Repeat-O-Type Mfg. Corp
665 State Hwy 23
Wayne, New Jersey 07470
201/696-3330

SECTION I - MATERIAL IDENTIFICATION

Material Trade Name: Spirit Duplicating Fluid

Material Part Number: 1001, 1001P

(Rev 3/95)

SECTION II - HAZARDOUS INGREDIENTS

COMPONENT	% by Wt.	CAS NUMBER(s)
Methyl Alcohol	99.85%	67-56-1

*Notation indicates that absorption through the skin can contribute significantly to overall exposure

SECTION III - PHYSICAL DATA

Appearance and Odor: Clear liquid with a pungent alcohol odor Boiling Point: No data Evaporation Rate (BuAct=1): 5.9
Melting Point: N.A Vapor Density (Air=1): 1.1
Vapor Pressure: 97 @ 68 F Specific Gravity (H2O=1): 0.791
Solubility In Water: Totally miscible

SECTION IV - FIRE AND EXPLOSION DATA

Flash Point (Method): 52 F (closed cup) Flammable Limits:
LEL: 6.7 UEL: 36.5
Extinguishing Media: Carbon Dioxide, Dry chemical, alcohol foam, water
Special Fire Fighting Procedures: Firefighters should wear self breathing apparatus w/ full facepiece operated in pressure demand

Special Fire and Explosion Hazards: Moderate explosion hazard and dangerous fire hazard when exposed to heat, sparks or flame.

SECTION V - HEALTH HAZARD DATA

Routes of Exposure: Eyes [X] Skin [X] Inhalation [X] Ingestion [X] Signs and Symptoms of Exposure: Methanol is poisonous. It is important to be aware initial symptoms may be only that of mild intoxication Effects of Overexposure: Dizziness, visual impairment, nausea, respiratory failure, muscular incoordination and narcosis Emergency and First Aid Procedures: Eyes: Flush with water for 15 minutes

Inhalation: Remove to fresh air.

Ingestion: Get medical condition immediately. Induce vomiting with 1 tbsp of ipecac.

Skin: Remove contaminated clothing wash with soap and water

Carcinogenicity: Ames Mutagenicity:

Material Part Number: 1001, 1001P

SECTION VI - REACTIVITY DATA

Stability: Stable Conditions to Avoid: Heat Incompatible Materials: Strong oxidizing agents nitrates, perchlorates Hazardous Decomposition: Thermal decomp may produce carbon monoxide Hazardous Polymerization: Will not occur

SECTION VII - SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled: Remove all ignition sources. Provide adequate ventilation. Small quantities may be absorbed on paper towels. Evaporate in a safe place. Burn paper in an approved incinerator or open pit away from people and buildings. Waste Disposal: Absorb in vermiculate, dry sand, earth or a similar material and dispose in a secured sanitary landfill

SECTION VIII - CONTROL MEASURES

Ventilation: Local Exhaust: 100 lfm min should be used Mechanical (General): controls must be spark proof

Eye Protection: None normally required/Safety glasses

Skin Protection: None normally required/Rubber gloves

Respiratory Protection: Normally required, when used as directed

Other Protection: Wash hands thoroughly with soap and water prior to

eating or smoking.

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SECTION IX - SPECIAL PRECAUTIONS

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Precautions to be taken in Handling and Storing: No smoking in areas of use or storage. Avoid prolonged or repeated contact with the skin or breathing vapors. Avoid contact with eyes, contact lenses should not be worn while handling methanol. Do not ingest.

Other Precautions: Eye wash stations and safety showers should be available in areas of use.

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SECTION X - PREPARATION DATA OF M.S.D.S.

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Prepared by:

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07/24/92