

MATERIALS SAFETY DATA SHEET

SECTION 1 – PRODUCT IDENTIFICATION AND USE

PRODUCT IDENTIFIER: DIAPERM
PRODUCT USE: Resin for metallographic testing

15 44 01 / 02 03 04

DISTRIBUTOR'S NAME: MICRO STAR 2000 INC.
DISTRIBUTOR'S ADDRESS: 225 Bradwick Drive, Unit 21
Concord, Ontario
L4K 1K7

EMERGENCY PHONE NUMBER: 905-660-1754

SECTION 2 – COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL CHARACTERIZATION:

CHEMICAL NAME	APPRX %	COMMON NAME	REG* (Y/N)	CASE #	P.E.L. (mg/m ³)	T.L.V. (mg/m ³)	CARCIN. (Y/N)
Ethylene Glycol **	20-40	Alkyl Alcohol	Y	107-21-1	50ppm	50ppm	N
Hydroxy Glycol	1-10	Glycol	N	N/A	10	10	N
Water	40-70	Water	N	7732-16-5	None	None	N
Diamond	.2-2.5	Diamond	N	7782-40-1	10	10	N

WHIMIS: Class B, Div 3
Class D, Div 2, Skin or eye irritation

SECTION 3 – FIRST AID MEASURES

INHALATION: Irritating to nose and throat, chronic dizziness and nystagmus. Remove from area. Seek medical attention

INGESTION: Acute and Chronic Nausea, vomiting, severe nervous system and kidney effects attention. Induce vomiting. Seek immediate medical attention

SKIN CONTACT: Irritating to skin. Wash thoroughly.

EYE CONTACT: Irritating to eye, Chronic Conjunctivitis. Flush with water. Get medical attention.

SECTION 4 – FIRE FIGHTING MEASURES

FLASH POINT: N/A
EXTINGUISHING MEDIA: N/A
FLAMMABLE LIMITS LEL: N/A
EXPLOSION POTENTIAL: N/A
SPECIAL FIRE FIGHTING PROCEDURES: N/A

SECTION 5 – REACTIVITY DATA

STABILITY: Stable
POLYMERIZATION: Will not occur
DECOMPOSITION PRODUCTS: Steam, CO and CO₂ when heated
INCOMATIBILITY (MATERIALS TO AVOID): Strong acids and strong bases
CONDITIONS TO BE AVOIDED: See Above

SECTION 6 – HANDLING AND STORAGE

NORMAL STORAGE AND HANDLING: Warn against ingestion. Keep below recommended PEL/TLV.
NORMAL USE: See Above
WASTE DISPOSAL METHOD: Dilute with large amounts of water so slurry can be degraded in a biological waste water plant or incinerated where permitted
STEPS TO BE TAKEN IN CASE OF LEAKES OR SPILLS: Small spills: flush with large amounts of water. Larger spills should be collected for disposal

SECTION 7 – ENGINEERING CONTROLS AND PERSONAL PROTECTION

RESPIRATORY PROTECTION (SPECIFY TYPE): NIOSH approved breathing air equipment or NIOSH approved face mask with organic vapor cartridge and dust or premist filter.
VENTILATION:
LOCAL: Maybe adequate if handled in covered equipment
MECHANICAL (GENERAL): Recommended
OTHER: N/A
PROTECTIVE GLOVES: Rubber or polyvinyl coated
EYE PROTECTION: Monogoggles or face shield
OTHER EQUIPMENT: Eye bath and safety shower
MEASURES TO BE TAKEN DURING REPAIR AND MAINTENANCE OF CONTAMINATED EQUIPMENT: See Above

SECTION 8 – PHYSICAL AND CHEMICAL DATA

BOILING POINT: 120° C
VAPOR PRESSURE: Water
EVAPORATION RATE: Water
SOL IN SOLVENTS: N/A
MELTING POINT: N/A
VOLATILE BY VOL: 99+
WATER SOL.: 100
APPEARANCE & ODOR: Cloudy Liquid
SPECIFIC GRAVITY: N/A
VAPOR DENSITY: N/A
ALCOHOL SOL.: 100

SECTION 9 – DISPOSAL CONSIDERATION

ENVIRONMENTAL TOXICITY DATA: See regulatory information below.
WASTE DISPOSAL METHOD: In accordance with all local, state, and federal regulations.
CONTAINER DISPOSAL: In accordance with all local, state, and federal regulations.

SECTION 10 – OTHER INFORMATION

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: See Above
OTHER PRECAUTIONS: N/A

SECTION 11 – PREPARATION OF MATERIAL SAFETY DATA SHEET

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