

# MATERIALS SAFETY DATA SHEET

## SECTION 1 – PRODUCT IDENTIFICATION AND USE

PRODUCT IDENTIFIER: DIAPAT S/SM 15 41 01 to 15 41 59  
PRODUCT USE: Diamond Paste for polishing of metallurgical specimen  
PRODUCT IDENTIFICATION NUMBER: N.A.V.

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 – HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	HAZARDOUS PERCENT	CAS NUMBER	LD <sub>50</sub> OF INGREDIENT (SPECIFY SPECIES AND ROUTE)	LD <sub>50</sub> OF INGREDIENT (SPECIFY SPECIES)
Ethylene Glycol	N.A.V.	107-21-1	13.000 mg/Kg oral rat	N.A.P.

## SECTION 3 – PHYSICAL DATA

PHYSICAL STATE:	Paste	SPECIFIC GRAVITY:	approximately 1.2 g/cm <sup>3</sup>
ODOUR AND APPEARANCE:	Odourless, various colours	VAPOUR PRESSURE:	76/20°C
BOILING POINT:	235°C	VAPOUR DENSITY (AIR = 1):	N.A.V.
FREEZING POINT:	37-40°C	EVAPORATION RATE:	N.A.V.
ODOUR THRESHOLD (ppm):	N.A.P.	pH:	4-7
COEFFICIENT OF WATER/OIL:	8	DENSITY (g/ml):	N.A.V.

## SECTION 4 – FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY: No  
MEANS OF EXTINCTION: Dry chemical, CO<sub>2</sub>, foam, water fog  
FLASH POINT AND METHOD: 200°C open  
AUTOIGNITION TEMPERATURE: 300°C  
UPPER FLAMMABLE LIMIT (% BY VOLUME): N.A.V.  
LOWER FLAMMABLE LIMIT (% BY VOLUME): N.A.V.  
HAZARDOUS COMBUSTION PRODUCTS: N.A.P.  
EXPLOSION DATA: N.A.P.

## SECTION 5 – REACTIVITY DATA

CHEMICAL STABILITY: N.A.P.  
INCOMPATIBILITY (Materials to avoid): N.A.P.  
REACTIVITY AND UNDER WHAT CONDITIONS: N.A.P.  
HAZARDOUS DECOMPOSITION PRODUCTS: N.A.P.  
HAZARDOUS POLYMERIZATION: N.A.P.  
CONDITIONS TO AVOID: N.A.P.

## SECTION 6 – TOXICOLOGICAL PROPERTIES

### ROUTES OF ENTRY

SKIN CONTACT: ✓ EYE CONTACT: ✓ INGESTION: SKIN ABSORPTION: INHALATION:

EFFECTS OF ACUTE EXPOSURE TO PRODUCT: No toxic effects known after years of exposure.  
EFFECTS OF CHRONIC EXPOSURE TO PRODUCT: No toxic effects known after years of exposure.

EXPOSURE LIMITS:	N.A.P.	IRRITANCY OF PRODUCT:	Avoid eye contact
SENSITIZATION OF PRODUCT:	N.A.P.	CARCINOGENICITY:	N.A.P.
TERATOGENICITY:	N.A.P.	REPRODUCTIVE TOXICITY:	N.A.P.
MUTAGENICITY:	N.A.P.	SYNERGISTIC PRODUCTS:	N.A.P.

## SECTION 7 – PREVENTATIVE MEASURES

### PERSONAL PROTECTIVE EQUIPMENT

PROTECTIVE GLOVES:	N.A.P.	RESPIRATORY PROTECTION:	N.A.P.	EYE PROTECTION:	Avoid contact
PROTECTIVE FOOTWEAR:	N.A.P.	PROTECTIVE CLOTHING:	N.A.P.	OTHER (SPECIFY):	Wash hands after handling

SPECIFIC ENGINEERING CONTROLS: N.A.P.

LEAK AND SPILL PROCEDURE: Wipe clean.

WASTE DISPOSAL: Incineration. As per local waste disposal laws.

HANDLING PROCEDURE AND EQUIPMENT: After handling wash hands and parts of body which came in contact with product with water and soap.

STORAGE REQUIREMENTS: Store in cool place.

SPECIAL SHIPPING INFORMATION: N.A.P.

## SECTION 8 – FIRST AID MEASURES

INHALATION: N.A.P.

SKIN CONTACT: Wash thoroughly with soap and water.

EYE CONTACT: Rinse with plenty of water. Consult Physician.

INGESTION: Consult Physician.

## SECTION 9 – PREPARATION OF MATERIAL SAFETY DATA SHEET

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