



**“Mold Maker’s Diamond”  
MATERIAL SAFETY DATA SHEET**

**1. PRODUCT INFORMATION**

<b>Manufacturer.....</b>	On File
<b>WHMIS Classification.....</b>	Not Classified
<b>Product Name.....</b>	Diamond Compound "M"
<b>Formula (CAS).....</b>	Silicon Oil Lithium Soap (4485-12-5) Industrial Diamond (7782-40-3) Colorants in Ethylene Glycol Base (See attached Note)
<b>Material Use.....</b>	Abrasive polishing compound

**2. HAZARDOUS INGREDIENTS**

This product contains no reportable hazardous ingredients.

**3. HEALTH HAZARD DATA**

<b>Eye Contact.....</b>	Avoid eye contact. Diamond powder is highly abrasive and could cause eye damage if rubbed.
<b>Skin Contact.....</b>	No known effect.
<b>Inhalation.....</b>	Slight irritation of respiratory passages.
<b>Ingestion.....</b>	Amounts transferred from hands during normal use should not cause any problems.
<b>Carcinogenicity.....</b>	No
<b>Other Health Hazards.....</b>	None

**4. PHYSICAL DATA**

<b>Physical State.....</b>	Paste	<b>Specific Gravity (H2O=1).....</b>	1.27 - 1.34
<b>Solubility in Water.....</b>	None	<b>Boiling Point.....</b>	300F
<b>Vapor Pressure (mm Hg).....</b>	<5	<b>Melting Point.....</b>	Semi-solid
<b>Vapor Density (AIR=1).....</b>	N/A	<b>Evaporation Rate.....</b>	N/A
<b>Appearance &amp; Odor.....</b>	Varies with grade / no odor		

**5. FIRE & EXPLOSION DATA**

<b>Flash Point (F), Method.....</b>	214, CCC
<b>Extinguishing Media.....</b>	CO*2, Water, Dry chemical, Foam
<b>Special Procedures.....</b>	None required
<b>Fire &amp; Explosion Hazards.....</b>	None
<b>Flammable Limits.....</b>	N/A

**6. REACTIVITY DATA**

<b>Stability.....</b>	Stable
<b>Incompatibility.....</b>	Avoid contact with strong oxidizers.
<b>Hazardous Decomposition.....</b>	May form SO*2, CO*2
<b>By-products</b>	
<b>Hazardous Polymerization.....</b>	Will not occur.
<b>Conditions to Avoid.....</b>	None

**7. PREVENTATIVE MEASURES**

<b>Eye Protection.....</b>	Safety Glasses
<b>Protective Gloves.....</b>	None required
<b>Respiratory Protection.....</b>	None required
<b>Leak/Spill.....</b>	Scrape up compound and wash remainder with suitable solvent.
<b>Ventilation Requirements.....</b>	General ventilation
<b>Waste Disposal.....</b>	In accordance with municipal, provincial & federal regulations.
<b>Handling Procedures and.....</b>	Avoid contact with eyes. FOR INDUSTRIAL USE ONLY.
<b>Equipment</b>	
<b>Storage Needs.....</b>	None required
<b>Other Precautions.....</b>	None required

**8. FIRST AID MEASURES**

<b>Eye Contact.....</b>	Flush with water for 20-30 minutes. DO NOT rub with hands or by any other means. Consult physician if irritation persists.
<b>Skin Contact.....</b>	Wipe off excess and wash with soap and water.
<b>Inhalation.....</b>	None
<b>Ingestion.....</b>	If large quantities ingested, contact physician immediately.

**9. PREPARATION INFORMATION**

<b>Prepared by.....</b>	BORIDE Engineered Abrasives
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