



DIAMOND

Water Soluble Based Diamond Lapping Compound

IDENTITY INFORMATION

The actual formulation is proprietary. Generally speaking, the compound consists of diamond abrasive powder blended in a complex mixture of glycols and proprietary thickening agents.

PHYSICAL PROPERTIES

Specific Gravity (H ₂ O = 1)	Unknown
Melting Point	120°F, approximate
Evaporation Rate (Butyl Acetate = 1)	Unknown
Boiling Point	275°, approximate
Vapor Pressure (mm Hg.)	Unknown
Vapor Density (AIR = 1)	Unknown
Solubility in Water	No
Appearance and Color	Grey paste.

FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	N/A
Flammable Limits	N/A
LEL	N/A
UEL	N/A
Extinguishing Method	N/A
Special Fire Fighting Procedures	None
Unusual Fire and Explosion Hazards	None

REACTIVITY DATA

Stability	Stable
Conditions to Avoid	None
Incompatibility (Materials to Avoid)	None
Hazardous Decomposition or Byproducts	None
Hazardous Polymerization	Will not occur.
Conditions to Avoid	None

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HEALTH HAZARD DATA

Route(s) of Entry	
Inhalation	No
Skin	Yes
Ingestion	Yes
Health Hazards	Can be irritating to skin or aggravate dermatitis.
Carcinogenicity	N/A
Signs and Symptoms of Exposure	N/A
Medical Conditions Generally Aggravated by Exposure	N/A
Emergency and First Aid Procedures	For eye contact, flush with fresh water, get medical attention. For skin contact, wash with soap and water. If ingested, consult physician. Do not induce vomiting.

SAFETY PRECAUTIONS

Steps to Be Taken in Case Material Is Released or Spilled	Contain material, clean up with absorbent material.
Waste Disposal Method	As with oil based waste in accordance with local regulations.
Precautions to Be Taken in Handling and Storing	Keep containers closed, away from heat.
Other Precautions	N/A

CONTROL MEASURES

Respiratory Protection (Specify Type)	N/A
Ventilation	
Local Exhaust	N/A
Mechanical (General)	N/A
Special	N/A
Other	Normal
Protective Gloves	Oil proof if desired.
Eye Protection	Goggles if desired.
Other Protective Clothing or Equipment	N/A
Work/Hygienic Practices	N/A

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