



SILICON CARBIDE

GS-1000 Crystolon Lapping Compound

IDENTITY INFORMATION

This product consists of silicon carbide powder mixed in an oil-soap base which is comprised of hydro-carbon oils, vegetable oils, and animal fatty acid soap. Solids content is approximately 30%. Contains less than 50 ppm leachable chlorides.

PHYSICAL PROPERTIES

Specific Gravity (H ₂ O = 1)	.9, approximate
Melting Point	110°F
Evaporation Rate (Butyl Acetate = 1)	Negligible
Boiling Point	N/A
Vapor Pressure (mm Hg.)	Negligible
Vapor Density (AIR = 1)	Greater than air.
Solubility in Water	No
Appearance and Color	Grey paste, slight oily odor.

FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	375°F, actual test
Flammable Limits	
LEL	N/A
UEL	N/A
Extinguishing Method	CO ₂ or foam. Do not use water.
Special Fire Fighting Procedures	Treat as oil fire.
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	May irritate eyes if contacted. Prolonged contact may dry skin. May be harmful or fatal if swallowed. Vapors generated during use may be noxious.
Carcinogenicity	
NTP	No
IARC Monographs	No
OSHA Regulated	No
Signs and Symptoms of Exposure	See health hazards.
Medical Conditions Generally Aggravated by Exposure	Dermatitis, dry skin.
Emergency and First Aid Procedures	For eye contact, flush with fresh water. 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	Wipe up with cloth or paper towels.
Waste Disposal Method	As with oil based waste in accordance with local regulations.
Precautions to Be Taken in Handling and Storing	Store in original container with lid on. Keep in a cool place. Avoid skin and eye contact.
Other Precautions	General housekeeping procedures, clean up any spilled product to prevent slipping and injury.

CONTROL MEASURES

Respiratory Protection (Specify Type)	N/A
Ventilation	
Local Exhaust	N/A
Mechanical (General)	Normal
Special	N/A
Other	N/A
Protective Gloves	Rubber or plastic recommended.
Eye Protection	Recommended to prevent contact.
Other Protective Clothing or Equipment	N/A
Work/Hygienic Practices	Standard

UNITED STATES PRODUCTS CO.

518 Melwood Ave. • Pittsburgh, PA 15213-1136 • Phone: 412-621-2130 • Fax: 412-621-8740

Web Site: www.us-products.com

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