



SAFETY DATA SHEET

MSDS NO. SD-BX-5066

1. IDENTIFICATION OF THE SUBSTANCE/ PEREPARATION AND OF THE COMPANY / UNDERTAKING

Product Identifier

Product Name Kool Grind Lubricant (Stick Form)
Other means of identification BX-5066, G-440
Synonyms None
Recommended use of the chemical and restriction on use
Recommended Use Abrasive/ Buffing Compound / Lubricant
Uses advised against No information Available

Details of the supplier of the safety data sheet

Supplier Name Formax Mfg. Corporation
Supplier Address 168 Wealthy Street S.W.
Grand Rapids
MI
49503
USA
Supplier Phone Number Phone: 1-616-456-5458
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Supplier Email sales@formaxmfg.com

2. HAZARDS IDENTIFICATION

Classification

This item is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

GHS Label elements, including precautionary statement

Signal Word EMERGENCY OVERVIEW
None
Hazard Statement None

The products/products contain no substances which at their given concentration are considered to be hazardous to health.

Appearance: Dark Grey Stick Form **Physical State:** Solid **Odor:** Mild

Precautionary Statements – Prevention

Obtain Special Instructions before use

Precautionary Statements – Response

None

Precautionary Statements – Storage

None

Precautionary Statements – Disposal

None

Hazards not otherwise classified (HNOC)

Not applicable

Unknown Toxicity

None

Other information

May cause slight eye irritation
Prolonged or repeated contact may dry skin and cause irritation.

Interaction with other chemicals

No information available

7. HANDLING AND STORAGE

Precautions for safe handling

Handling Handle in accordance with good industrial hygiene and safety practice. Avoid contact with eyes.

Conditions for safe storage, including any incompatibilities

Storage Keep container tightly closed.

Incompatible Products None known based on information supplied.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines: Hazardous Component

Micro Crystalline Wax
Graphite
Silica

OSHA PEL

2 mg/m³ TWA (total dust)
2 mg/m³ TWA (total dust)
(vacated) TWA: 0.1 mg/m³

ACGIH TLV

2 mg/m³ TWA
2 mg/m³ TWA (repairable fraction)
TWA: 0.025 mg/m³

ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits NIOSH IDLH Immediately Dangerous to Life or Health

Other Exposure Guidelines Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992) See section 15 for national exposure control parameters

Appropriate engineering controls

Engineering Measures Showers
Eyewash stations
Ventilation systems

Individual protection measures, such as personal protective equipment

Eye/Face Protection For buffing machines wear safety glasses and/or face shield helmets. See OSHA 29 CFR 1910.122 (Safety Glasses).

Skin and Body Protection Protective work clothing, heavy duty gloves, body apron or belly pads, safety shoes as needed.

Respiratory Protection Respiratory protection (specify type): OSHA 24 CFR/134 NIOSH/MSHA Approved respirators for particulates from buffing debris. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

Hearing Protection Avoid prolonged excessive noise levels created by buffing and polishing operations. See: OSHA 29 CFR 1910.215 (Hearing Protection)

Hygiene Measures Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties

Physical State	Solid	Odor	Wax Odor
Appearance	Stick Form	Odor Threshold	No information available
Color	Black		

Property	Values	Remarks/ Method
pH	No data available	None known
Melting / freezing point	400F	None known
Boiling point / boiling range	Will Not Boil	None known
Flash Point	>500F	None known
Evaporation Rate	None	None known
Flammability (solid, gas)	No data available	None known
Flammability Limit in Air		
Upper flammability limit	No data available	
Lower flammability limit	No data available	
Vapor pressure	No data available	None known
Vapor density	No data available	None known
Specific Gravity	.8010	None known
Water Solubility	Negligible	None known
Solubility in other solvents	Alkaline Cleaners	None known
Partition coefficient n-octanol/water	No data available	None known
Autoignition temperature	No data available	None known
Decomposition temperature	No data available	None known

Kinematic viscosity	No data available	None known
Dynamic viscosity	No data available	None known
Explosive properties	No data available	
Oxidizing Properties	No data available	

Other Information

Softening Point No data available

VOC Content (%) No data available

Particle Size No data available

Particle Size Distribution

10. STABILITY AND REACTIVITY

Reactivity

No data available.

Chemical stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Hazardous Polymerization

Hazardous polymerization does not occur.

Conditions to avoid

Using under conditions of insufficient dust collecting systems or ventilation.

Incompatible materials

Strong Oxidizers or Reducing Agents.

Hazardous Decomposition Products

Carbon oxides.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information Product does not present an acute toxicity hazard based on known or supplied information. .

Inhalation	Specific test data for the substance or mixture is not available.
Eye Contact	Specific test data for the substance or mixture is not available.
Skin Contact	Specific test data for the substance or mixture is not available.
Ingestion	Specific test data for the substance or mixture is not available.

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
-	-	-	-

Information on toxicological effects

Symptoms No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization No information available.

Mutagenic Effects No information available.

Carcinogenicity The table below indicates whether each agency has listed any ingredient as a carcinogen. This product contains crystalline silica (quartz) in a non-respirable form. Inhalation of crystalline silica is unlikely to occur from exposure to this product.

Chemical Name	ACGIH	IARC	NTP	OSHA
Silica		Group 1	known	X

IARC: (International Agency for Research on Cancer)
 Group 1 - Carcinogenic to Humans
 Group 2B - Possibly Carcinogenic to Humans

NTP: (National Toxicity Program)
 Known - Known Carcinogen
 OSHA: (Occupational Safety & Health Administration)
 X - Present

Target Organ Effects	Eyes. Respiratory system. Skin.
IARC (International Agency for Research on Cancer)	
Group 3 - Not Classifiable as to Carcinogenicity in Humans	
Target Organ Effects	Eyes. Respiratory system. Skin.
Reproductive Toxicity	No information available.
STOT - single exposure	No information available.
STOT - repeated exposure	No information available.
Chronic Toxicity	No known effect based on information supplied. Carcinogenic potential is unknown.
Target Organ Effects	Eyes. Respiratory system. Skin. Lungs.
Aspiration Hazard	No information available.

Numerical measures of toxicity. Product Information

The following values are calculated based on chapter 3.1 of the GHS document
 Not applicable

12. ECOLOGICAL INFORMATION

Ecotoxicity
 The environmental impact of this product has not been fully investigated.

Persistence and Degradability
 No information available.

Bioaccumulation
 No information available

Other adverse effects
 No information available.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods	Disposal methods: This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.
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Contaminated Packaging	Dispose of contents/containers in accordance with local regulations.
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This product contains one or more substances that are listed with the State of California as a hazardous waste.

14. TRANSPORT INFORMATION

DOT	NOT REGULATED
Proper Shipping Name	NMFC-48580 Scouring Compound (Cake, Paste or Liquid form N.O.I.)
Hazard Class	N/A
TDG	Not regulated
MEX	Not regulated
ICAO	Not regulated
IATA	Not regulated
Proper Shipping Name	NON REGULATED
Hazard Class	N/A
IMDG/IMO	Not regulated
Hazard Class	N/A
RID	Not regulated
ADR	Not regulated
ADN	Not regulated

15. REGULATORY INFORMATION

International Inventories

TSCA
DSL

Complies
All components are listed either on the DSL or NDSL.

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Chemical Name	CAS No	Weight-%	SARA 313 - Threshold Values %
-	-	-	-
SARA 311/312 Hazard Categories			
Acute Health Hazard		Yes	
Chronic Health Hazard		No	
Fire Hazard		No	
Sudden release of pressure hazard		No	
Reactive Hazard		No	

CWA (Clean Water Act)

This product does not contain any substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

US State Regulations

California Proposition 65

This product contains the following Proposition 65 chemicals.

Chemical Name	CAS-No	California Prop. 65
Silica	14808-60-7	Carcinogen

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania	Rhode Island	Illinois
Silica	x	x	x	x	

International Regulations

Mexico Grade

National occupational exposure limits

Slight risk Grade 1

Component

Carcinogen Status

Exposure Limits

Silica

Mexico: TWA= 0.1 mg/m³

Mexico - Occupational Exposure Limits - Carcinogens

Canada

WHMIS Hazard Class
Non-controlled

16. OTHER INFORMATION

NFPA	Health Hazards 1	Flammability 0	Instability 0	Physical and Chemical Hazards -
HMIS	Health Hazards 1	Flammability 0	Physical Hazard 0	Personal Protection X

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Revision Note	

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. Precautions to be taken in handling and storing: Handle with adequate ventilation for nuisance dust when using. See OSHA 29 CFR 1910.24 (Ventilation) and 29 CFR 1910.1000 (Air Contaminants). Other precautions: Keep liquids from freezing. Store away from excessive heat. The information and recommendations set forth herein are taken from sources believed to be accurate as of the date hereof; however, Formax Mfg. makes no warranty with respect to the accuracy of the information or the suitability of the recommendation, and assumes no liability to any user thereof.