

Grobet File Company of America, LLC

Safety Data Sheet

Buffing Compound

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Supersedes Revision: Aug. 3, 2011

1. PRODUCT AND COMPANY IDENTIFICATION

1.1 Product Name: EMERY TUBE
Product Number: 47.384
Brand: GROBET USA
Index Number: N/A
REACH Number: N/A
CAS-No: N/A

1.2 Relevant identified uses of the mixture

Identified uses: Buffing and polishing

1.3 SDS Supplier Details

Grobet File Company of America, LLC
750 Washington Avenue
Carlstadt, NJ 07072 Phone: 201-939-6700

1.4 Emergency Telephone Number

ChemTel: 1-800-255-3924

2. HAZARDS IDENTIFICATION

2.1 CLASSIFICATION OF THE MIXTURE

THIS MIXTURE CONTAINS ALUMINUM OXIDE ABRASIVES
SUSPENDED IN A STEARIC ACID BINDER.
BECAUSE OF IMPURITIES IN THE ALUMINUM OXIDE RESPIRABLE
DUST AND DEBRIS HAZARDS MAY BE CREATED DURING THE
BUFFING OPERATION.

2.2 LABEL ELEMENTS

SYMBOL(S)



SIGNAL WORD

WARNING

HAZARD STATEMENT(S): H373: MAY CAUSE DAMAGE TO ORGANS
THROUGH PROLONGED OR REPEATED
EXPOSURE

PRECAUTIONARY STATEMENTS:

P260 - DO NOT BREATHE DUST

P304 + P341: IF INHALED, if breathing is difficult,
remove victim to fresh air and keep at rest in a
position comfortable for breathing.

2.3 OTHER HAZARDS

GHS Classification (USA): Hazardous under OSHA Hazard Communication Standard HARMFUL (Carcinogen)

HMIS: Health-1, Flammability-0, Reactivity-0

Hazard Statement(s)

H335: May cause respiratory irritation

WHMIS/GHS Classification (Canada): Hazardous under WHMIS

D2B - Material Causing Other Toxic Effects (Carcinogen)

Hazard Statement(s):

H373: May cause damage to organs through prolonged or repeated exposure

Precautionary Statement(s):

P261: Avoid breathing dust

P280: Wear protective gloves/clothing, eye and face protection

P304 + P341: IF INHALED, If breathing is difficult remove victim to fresh air and keep in a position comfortable for breathing.

2.4 ADDITIONAL INFORMATION

Potential Health Effects

Inhalation: Irritation of the respiratory tract (Dust). Crystalline silica has been implicated in pulmonary disease due to prolonged and/or multiple exposures..

Skin Contact: Mechanical irritation

Eye Contact: Mechanical irritation, corneal scratches.

Ingestion: Harmful if swallowed; mechanical and chemical irritant

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	EINECS	Weight %	RTECS #
Aluminum Oxide	1344-28-1	215-691-6	<80%	BD1200000
Silicon Dioxide*	7631-86-9	231-545-4	<1%	
Stearic Acid	57-11-4		<15%	

Impurities: = SiO₂ + Si + C + Fe + Al = <1% **May contain crystalline silica**
NON-HAZARDOUS INGREDIENTS ARE NOT LISTED AND MAKE UP
THE BALANCE OF THE MIXTURE

4. FIRST AID MEASURES

4.1 Description of First Aid Measures

Inhalation: Remove victim from exposure. Keep victim at rest and give oxygen if breathing is difficult. If symptoms develop obtain medical attention.

Skin Contact: Remove contaminated clothing. Wash with soap and water. If irritation (redness, rash, blistering) develops get medical attention.

Eye Contact: Irrigate with eyewash solution or clean water, holding the eyelids apart, for at least 15 minutes. Obtain immediate medical attention.

Ingestion: Do not induce vomiting. Get immediate medical attention.

4.2 Most Important Symptoms And Effects, Both Delayed and Acute

Acute: Cough and shortness of breath

Delayed and Chronic Effects:

This product may contain trace amounts of crystalline silica which poses an inhalation hazard especially upon chronic exposure. Silicosis may cause an emphysemic-like illness with serious health concerns Crystalline silica is considered a carcinogen by several national and international agencies.

5. FIRE FIGHTING MEASURES

5.1 Extinguishing Media: Water fog, Foam, or Carbon Dioxide

5.2 Special Hazards Arising From the Mixture:

TOXIC VAPORS MAY BE RELEASED:

A self-contained breathing apparatus and suitable protective clothing should be worn in fire conditions.

5.3 Advice for Firefighters: Extinguish preferably with dry chemical foam or water

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions, Protective Equipment and Emergency Procedures

Avoid dust formation. In case of exposure to high levels of airborne dust, wear a personal respirator.

Avoid dust generation. Ensure full personal protection (including respiratory protection) during removal of spillages.

6.2 Environmental Precautions

No special environmental precautions are required.

6.3 Methods and Materials for Containment and Cleaning Up

Recover product and place into the appropriate containers for disposal or recycling. Preferable method is by using a vacuum device, if available, otherwise by broom and shovel.

Avoid dust generation. Ensure adequate ventilation

7. HANDLING AND STORAGE

7.1 Precautions for Safe Handling

Avoid inhaling dust. Use in a well-ventilated area. Wash hands before eating, drinking, or smoking.

7.2 Conditions for Safe Storage, Including Any Incompatibilities

Store away from excessive heat. Keep product dry and in closed containers when possible

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control Parameters

Substance	CAS #	OSHA TWA	ACGIH TWA
Aluminum Oxide	1344-26-1	15(dust); 5(resp)mg/m3 TLV	10 mg/m3
Silicon Dioxide*	7631-86-9	16(Calculated)**	6(Calculated)**
Stearic Acid	57-11-4	No data	No data
*For crystalline silica impurities	14464-46-1	0.1 (Respirable)	

**Based on 80 mg/m3 / 5% for Amorphous SiO₂ and 30 mg/m3 / 5% SiO₂ for Quartz

8.2 Personal Protection Equipment

Respirators: Avoid breathing dust. Assess exposure concentrations of all materials in the workplace. If concentrations exceed the exposure limits listed or irritation symptoms are experienced, follow OSHA respirator regulations found in 29 CFR or European Standard EN 149

Eye

Protection: Avoid eye contact. Wear protective eye wear (goggles, face shield, safety glasses)

Gloves: Wear protective gloves

Body Avoid skin contact. Wear suitable protective clothing

Protection

Engineering Provide sufficient ventilation, particularly in closed rooms. Maintain concentration below applicable permissible standards.

Controls Remove contaminated clothing immediately. Contaminated clothing must be thoroughly cleaned.

9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

a) Appearance	Gray/Black solid packed in a cardboard tube
b) Odor	Odorless
c) pH	N/A
d) Melting/ Freezing Point	Melts at 41.7 degrees C
e) Boiling Point	N/A
f) Flash Point	180 degrees F (COC)
g) Evaporation	N/A
h) UEL/LEL Flammability or Explosive Limits	N/A
i) Vapor Pressure	N/A
j) Vapor Density	N/A
k) Relative Density	N/A
l) Solubility in Water	Insoluble
m) Decomposition Temperature	260-270 degrees F (as Stearic Acid)
n) Viscosity	N/A
o) Explosive Properties	None known
p) Oxidizing Properties	None known

9.2 Other Safety Information

No data available

10: STABILITY AND REACTIVITY

10.1 Reactivity	No data available
10.2 Chemical Stability	Stable under recommended storage conditions
10.3 Possibility of Hazardous Reactions	TOXIC VAPORS MAY BE RELEASED UNDER FIRE CONDITIONS
10.4 Conditions to Avoid	Keep away from heat and away from ignition sources
10.5 Incompatible Materials	No data available
10.6 Hazardous Decomposition Products	TOXIC VAPORS MAY BE RELEASED IN FIRE.

11: TOXICOLOGICAL INFORMATION

11.1 Information on Toxicological Effects

Mixture	
Acute Toxicity	
Inhalation	Inhalation of the dust generated during the buffing operation may cause breathlessness, coughing, tightness of the chest and difficulty breathing.
Skin Contact	Prolonged contact may cause skin abrasion, redness, and itching.
Eye Contact	Eye irritant. May cause tearing and redness.
Ingestion	May cause headache, nausea, and vomiting
Irritation	Causes eye irritation. May cause respiratory irritation. May cause transient irritation
Corrosivity	Not to be expected
Sensitisation	No data
Repeated Dose	
Toxicity	No data
Carcinogenicity	Crystalline silica is a suspect or confirmed carcinogen under ACGIH, NTP, IARC, and/or the state of California (respirable particles)
Mutagenicity	No data
Toxicity for	
Reproduction	No data

11.2 Additional Information None

12: ECOLOGICAL INFORMATION

12.1 Toxicity	No data
12.2 Persistence and	
Degradability	No data
12.3 Biocumulative	
Potential	The mixture has low potential for bioaccumulation
12.4 Mobility in Soil	No data
12.5 Results of PBT	
and vPvB	
Assessment	No data
12.6 Other Adverse	
Effects	None known

13: DISPOSAL CONSIDERATIONS

13.1 RCRA Status

If discarded in its purchased form, this product would not be a hazardous waste either by listing or characteristic nor is it federally (USA) regulated. However, under RCRA, it is the responsibility of the product user to determine at the time of disposal whether material containing the product or derived from the product should be classified as hazardous waste.

14: TRANSPORT

Land Transport (ADR/RID) and within USA

UN Number	None
Proper Shipping Name	Not classified as dangerous for transport
Transport Hazard Class(es)	None
Packing Group	None

Hazard Label(s)	None
Environmental Hazards	None
Special Precautions for User	None

Sea Transport (IMDG)

UN Number	None
Proper Shipping Name	None
Transport Hazard Class(es)	None
Packing Group	None
Marine Pollutant	None
Special Precautions for User	None

Air Transport (ICAO/IATA)

UN Number	None
Proper Shipping Name	Not classified as dangerous for transport
Packing Group	None
Marine Pollutant	None
Special Precautions for User	None

15: REGULATORY INFORMATION

15.1 Safety, Health, and Environmental Regulations Specific for the Mixture

15.1.1 EU Regulations

Authorization and/or Restrictions for Use	Consult the supplier
European Union (EINECS/LINCS)	All chemicals listed
German WGK Number	Not available

15.1.2 National Regulations

USA

TSCA (Toxic Substance Control Act)	Listed
SARA 311/312 - Hazard Categories	Acute Health, Chronic Health
SARA 302 - Extremely Hazardous Substances	Listed - None
SARA 313-Toxic Chemicals	Listed - None
CERCLA (Comprehensive Response Compensation and Liability Act)	Listed - None
CAA (Clean Air Act 1990)	Listed - None
CWA (Clean Water Act)	Listed - None
State Right to Know Lists	Listed-Silicon Dioxide, MA, MN, NJ, PA
Proposition 65 (California) -	This product contains the following substance(s) known to the state of California to cause cancer and/or reproductive harm. Silicon Dioxide (Silica, crystalline)

Canada

WHMIS Classification	Class D, Division 2, Subdivision B, Material Having Other Toxic Effects (irritant)
Canada (DSL/NDL)	Listed - DSL
Canada Ingredient Disclosure List	Listed as required

15.2 Chemical Safety Assessment

Irritant (Skin, Eye, Respiratory System).
Suspect Carcinogen (Inhalation- Repeated Exposure Only)

16: OTHER INFORMATION

Risk Phrases and Safety Phrases

R36/37/38: Irritating to eyes, respiratory system, and skin

R48/20: Harmful. Danger of serious damage to health through prolonged exposure through inhalation.

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical attention

S36: Wear suitable protective clothing

S38: In case of insufficient ventilation, wear suitable respiratory equipment

Hazard Statement(s) and Precautionary Statement(s)

H315: Causes serious eye irritation

H335: May cause respiratory irritation

H373: May cause damage to organs through repeated or prolonged exposure

P260: Do not breathe dust

P304 + P341: IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing

P305 + P351 + P338: IF IN EYES: Rinse cautiously for several minutes.

Remove contact lenses if present and easy to do so.

Continue rinsing

NFPA Rating: Health=1, Flammability=0, Reactivity=0, PPE=E

Company Policy or Disclaimer:

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