SAFETY DATA SHEET

Date Issued- 1/1/22

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT DESCRIPTION	FINISH AA
CHEMICAL NAME	Blended abrasive solid
GENERAL USE	Polish for metal finishing
MANUFACTURER ADDRESS	THE MURDOCK COMPANY, INC. 936 Turret Ct. Mundelein, IL 60060
CONTACT NUMBER	847-566-0050

2. HAZARD IDENTIFICATION

EMERGENCY OVERVIEW

IMMEDIATE CONCERNS	Danger! Contains silica. Dust from buffing operation may cause damage to the lungs. May also irritate the eyes and the skin. Protective equipment should be worn. Wash skin after use.

POTENTIAL HEALTH EFFECTS

Eye:	May cause eye irritation
Skin:	May cause mild skin irritation
Ingestion:	Large oral dose may cause irritation
Inhalation:	Product as supplied is not hazardous. May cause serious health damage due to breathing dust from buffing operation with this material
Chronic:	Silicosis, Cancer

GHS Label requirements

Pictogram --

Signal Word--- Danger

Hazard Statement

H372	Causes damage to lungs through repeated breathing of dust resulting from buffing operations with this material

Precautionary Statements

P260	Do not breathe dust from buffing operation with this material
P285	In case of inadequate ventilation, wear respiratory protection
P280	Wear protective gloves/protective clothing/eye protection/ face protection
P302+P352	If on Skin: Wash with soap and water
P305+P351	If in eyes: Wash cautiously with water for 15 minutes.

3. COMPOSITION/INGREDIENT INFORMATION

Ingredients	CAS	PEL/ TLV	Weight %
Silica	14808-60-7 0.1 mg/M3		60-75%
Fatty Acid /Glyceride		Not Hazardous	5-10%
Petroleum Waxes and oils		Not Hazardous	15-30%

4. FIRST AID MEASURES

Inhalation	If exposed to excessive levels of dust, remove to fresh air. Get medical attention if cough, irritation or other symptoms develop.
Skin Contact	Wash with soap and water. Get medical attention if irritation or rash develops.
Eye Contact	Immediately flush eyes with plenty of water for 15 minutes. If abrasive particles are not removed, obtain medical attention.
Ingestion	Swallowing less than an ounce will not cause significant harm. For larger amounts do not induce vomiting, but give two 12 ounce glasses of water and obtain medical advice.

5. FIRE FIGHTING MEASURES

Flash Point	>350 F
Extinguishing Media	Use alcohol foam, carbon dioxide, or dry chemical when fighting fires involving this material.
Fire fighting Procedure	Remove ignition source and fight fire as if it were a grease fire.
Special Protective Equipment	As in any fire, wear self contained breathing apparatus (pressure-demand, MSHA/NIOSH approved or equivalent) and full protective gear.
Hazardous Combustion	If heated to high temperature the product may emit carbon monoxide
Products	and carbon dioxide

6 ACCIDENTAL RELEASE MEASURES

Environmental Precautions None known

Methods for Clean up Sweep or Scoop up material for reuse or reclaim if possible,
Otherwise place in a disposal container for proper disposition.

7. HANDLING AND STORAGE

Handling No special handling requirements are known

Storage Keep out of sun and away from heat sources, as product may melt.
Observe all safeguards for container residue until cleaned or destroyed.
Do not flush to sewers or waterways unless authorized to do so by appropriate government official.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limit Values	0.1 mg/ M3 as dust resulting from the buffing operation with this material
Engineering Measures	Ventilation to keep dust level at exposure limits
Hygiene Measures	
Respiratory Protection	Wear respiratory protection such as a dust mask
Hand Protection	Wear gloves
Eye Protection	Wear safety glasses with side shields or goggles
Skin Protection	Wash with soap and water before eating or after shift

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Solid	**Solubility in Water**	None
Color	Tan	**Flash Point**	>350F
Boiling Point	N/A	**Vapor Density**	N/A
Melting Point	125 deg.F	**Evaporation Rate**	N/A
Specific Gravity	> 1.1	**Odor**	Mild;
pH	N/A	**VOC**	None
Auto ignition Temperature	N/A		

10. STABILITY AND REACTIVITY

Stability	Product is stable
Conditions to Avoid	Material can ignite if exposed to a continuous flame or heat source
Incompatible Materials	None known
Hazardous Decomposition Products	If product is involved in a fire, carbon monoxide could be emitted
Hazardous Polymerization	Will Not occur

11. TOXICOLOGICAL INFORMATION

Eyes May cause irritation from abrasion.

Skin Contact May cause irritation

Skin Absorption Not likely

Inhalation Dust from buffing operation includes silica which may cause silicosis, a lung disease. Silica is also found to cause lung cancer in humans.

Swallowing No adverse effect is expected

12. ECOLOGICAL INFORMATION

Ecological Information No data available

Bio accumulative Potential Bioaccumulation is unlikely

Comments This product is not believed to be toxic to aquatic life.

13. DISPOSAL CONSIDERATIONS

General If discarded, the material in its original unused form is not a RCRA hazardous waste.
Disposal should be in accordance with State and Local regulations for the disposal of non-hazardous waste.
Be sure to check if compound (after used) has come in contact with a hazardous substance before disposal

Packaging Dispose in clean receptacle or box.

14. TRANSPORTATION INFORMATION

DOT Not regulated
Classification
IMDG Classification Not regulated
ICAO Classification Not regulated

15. REGULATORY INFORMATION

UNITED STATES
Sara Title III

313 Reportable Ingredients	Contains silica
302/304 Emergency Planning	None
Emergency Plan	Report as required by the state and local agencies for both product and waste.

CERCLA (Comprehensive Response, Compensation and Liability Act)
CERCLA RQ None
California Prop 65- **WARNING: This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.**
EPA HAZARD CATEGORIES
SARA 311/312 - product contains silica
TSCA (Toxic Substance Control Act)
TSCA Status - All ingredients are on the TSCA list

16. OTHER INFORMATION

Revision Number BA309-3
Supersedes Date 1/1/2014

HMIS Rating 1-1-0-0

Manufacturer Disclaimer Metal Dusts from the buffing of brass, zinc and especially magnesium or aluminum along with buffing cloth fibers and compound residues may cause fires or explosions when exposed to a strong ignition source. These fires typically are started in the vent pipes, collector bags or receptacles used in waste gathering from the buffing ventilation system. Make sure that the collectors are changed frequently and the waste kept in a cool, dry environment that is free from sparks or other strong ignition sources. The collection devices should be grounded to minimize static charges. Dust collection receptacles should be designed by engineers who are familiar with the potential hazard of a flammable or explosive dust. If such a fire occurs, fight the fire with a Class D fire extinguisher. Do not use water or a halogenated extinguishing media.