SAFETY DATA SHEET

Issued Date: June 1, 2015 Revision Date: June 1, 2015

SECTION I PRODUCT AND COMPANY IDENTIFICATION

Product Identifiers

Product Name: Moldent Buffing Agent
Product Code: 41940
Synonyms: Moldent
Product Type: Blended abrasive solid

Identified uses: Polish for metal finishing

Details of the Supplier of the Safety Data Sheet

Supplier Name:
Yates Motloid

Supplier Address
300 N. Oakley Blvd.
Chicago, IL 60612
Website: www.yates-motloid.com
E-mail: sales@yates-motloid.com

Emergency Telephone Numbers

Company Phone Number: (312) 226-2473 (During Business Hours, 8:00am - 4:00pm CST)
Emergency Telephone: INFOTRAC: 1-800-535-5053 (Outside U.S. 1-352-323-3500)

SECTION II HAZARDS 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 doses 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 dusts resulting from buffing operations with this material

Precautionary Statements

P260	Do not breathe dusts 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.

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SECTION III COMPOSITION ON INGREDIENTS

Ingredients	CAS	PEL/ TLV	Weight %
Silica	14808-60-7	0.1 mg/M3	67-85%
Fatty Acid /Glyceride		Not Hazardous	20-30%
Red Iron Oxide	1309-37-1	10 mg/M3	<1%

SECTION IV FIRST AID MEASURES

Description of necessary 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.

Eye Contact:

Immediately flush eyes with plenty of water for 15 minutes. If abrasive particles are not removed, obtain medical attention.

Skin Contact:

Wash with soap and water. Get medical attention of irritation or rash develop.

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.

SECTION V FIRE-FIGHTING MEASURE

Extinguishing Media	Use alcohol foam, carbon dioxide, or dry chemical when fighting fires involving this material.
Flash Point	>350 °F
Firefighting 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 Products	If heated to high temperature the product may emit carbon monoxide and carbon dioxide.

SECTION VI ACCIDENTAL RELEASE MEASURES

Environmental Precautions

None known

Methods and Material for Containment and Cleaning Up

Sweep or scoop up material for reuse or reclaim if possible, otherwise place in a disposal container for proper disposition.

SECTION VII HANDLING AND STORAGE

Handling Precautions No special handling requirements are known

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

SECTION VIII EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls Ventilation to keep dust level at exposure limits.

Exposure Limit Values 0.1 mg/ M3 as dust resulting from the buffing operations with this material

Personal Protective Equip:

Eye/Face Protection:

Wear safety goggles with side shields or goggles

Skin Protection:

Wash with soap and water before eating or after shift.

Hand Protection:

Wear gloves

Respiratory Protection:
Wear respiratory protection such as a dust mask

SECTION IX PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Solid	**Odor:**	Mild
Color:	Red	**Solubility in water:**	None
Boiling Point:	N/A	**Vapor Density:**	N/A
Melting Point:	135 °F	**Evaporation Rate:**	N/A
Flash Point:	>350 °F	**Specific Gravity:**	>1.1
pH:	N/A	**VOC:**	None
Autoignition Temp:	N/A		

SECTION X 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:	If product is involved in a fire, carbon monoxide could be emitted.
Hazardous Polymerization:	Will not occur

SECTION XI 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.

SECTION XII ECOLOGICAL INFORMATION

Ecological Information: No data available
Bioaccumulative Potential: Bioaccumulation is unlikely
Comments: This product is not believed to be toxic to aquatic life.

SECTION XIII 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 use) has come in contact with a hazardous substance before disposal.

Packaging: Dispose in clean receptacle or box.

SECTION XIV TRANSPORT INFORMATION

Agency	**Proper Shipping Name**
DOT	Not regulated
ICAO	Not regulated
IMDG	Not regulated

SECTION XV 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 Reponse, Compensation and Liability Act)
CERCLA RQ None
EPA HAZARD CATEGORIES
SARA 311/312 – Product contains silica
TSCA (Toxic Substance Control Act)
TSCA Status – All ingredients are on the TSCA list

SECTION XVI OTHER INFORMATION

HMIS Rating:

1-1-0-0

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 strong ignitions 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 flammable or explosive dust. If such a fire occurs, fight the fire with a Class D fire extinguisher. Do not use water or halogenated extinguishing media.

SDS Preparation Date:

June 1, 2015