



The MSDS format adheres to the ANSI standard (Z400.1-1993) and regulatory requirements of the United States and is accepted in many other countries around the world including Mexico and Canada.

## FORMAX - Black Emery Cake Buffing Compound Bar

62512 and 515-6263 #82

January 1, 2010

### 1. CHEMICAL PRODUCT/ COMPANY IDENTIFICATION

#### Company Identification

##### MANUFACTURER/DISTRIBUTOR

Formax Manufacturing Corporation  
168 Wealthy SW  
Grand Rapids, MI 49503

##### PHONE NUMBERS

Product Information : 1-800-242-2833 (outside USA 616-456-5458)  
Transport Emergency : Formax Mfg 1-800-242-2833

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

#### Components

<u>Material</u>	<u>CAS Number</u>	<u>%</u>	<u>OSHA PEL</u>	<u>ACGIH</u>
Aluminum Oxide (non-fibrous)	1344-28-1	65-80	15mg/m3 (TWA-total dust) 5mg/m3 (respirable fraction)	10mg/m3 (TWA-as Al)
Petroleum Distillates	64742-52-5	<10	5mg/m3 (TWA as oil mist if generated) 10mg/m3 (STEL)	

**Hazard Symbols:** non listed    **Risk Phrases:** None listed    **Indication of Danger:** Not Dangerous

### 3. HAZARDS IDENTIFICATION

#### Emergency Overview

**Inhalation (during use)**    Acute - May cause coughing, shortness of breath (Dust)  
Chronic - May affect breathing capacity (Dust)

**Ingestion:**    May cause gastrointestinal disturbances, constipation or diarrhea.

**Skin:**    Irritation of the skin may occur due to mechanical/chemical  
Action or dermatitis reaction

**Eye:**    Dust or buffing debris may irritate or damage the eyes without protection.



Always wear safety glasses and/or face shield helmet when using this product and performing buffing operations.

Other potential health risks (Prolonged inhalation of dust particles may result in disabling pulmonary fibrosis.)

Symptoms might include deposits of materials in eyes, ears, nasal passages, irritation of mucus membranes.

**Warning:** Do not breathe dust of compounds containing abrasive materials without following OSHA safety and health standards for dust accumulation collection. OSHA 29 CFR 1910.94 (Ventilation) and 29 CFR 1910.1000 (Air Contaminants), and 29CFR 1910.1043 (Cotton Dust)

Carcinogenicity:	NTP:	Not Reported
	IARC:	Not Reported
	OSHA:	Not Reported

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#### 4. FIRST AID MEASURES

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##### First Aid

Eye Contact: Flush Eyes with large amounts of water – obtain First Aid or Medical assistance if symptoms develop and persist.

Skin: Wash skin with soap and water. Obtain First Aid or Medical assistance if symptoms develop and persist.

Ingestion: Call a physician and / or transport to emergency facility if needed.

Inhalation: Remove to fresh air. Apply artificial respiration if/as needed. Obtain First Aid or Medical Assistance

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#### 5. FIRE FIGHTING MEASURES

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##### Flammable Properties

Flash Point: NA

Method used:

Auto ignition Temperature: Not established

Dried polishing compound and buffing wheel lint and debris may make the mix combustible.

##### Fire fighting Instructions:

Firefighters must be equipped to prevent breathing of vapors or products of combustion. Wear an approved

Self contained breathing apparatus and protective clothing. Keep unnecessary people away.



Extinguishing Media: C.O.2.  
Dry chemical  
Foam

Explosion Potential: none.

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6. ACCIDENTAL RELEASE MEASURES

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Safeguards (Personnel)

No special precautions required. Always use appropriate personal protective equipment during clean-up.

Environmental Precautions:

Follow Government regulations  
Do not flush to sewer.

Waste Disposal:

Sweep up and collect in a suitable container for disposal.  
Storage of buffing wheel and compound debris may contain combustible lint.  
Dispose in accordance with government regulations.

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7. HANDLING AND STORAGE

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Handling (Personnel)

USERS SHOULD: Avoid breathing dust. Avoid dispersion of dust to reduce fire potential

Handling (Physical Aspects)

Keep containers dry.  
Ambient indoor storage conditions are recommended.  
Minimize dusting and dust accumulation.

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8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

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PERSONAL PROTECTION

Respiratory protection

Use NIOSH/MSMA certified dust mask where appropriate.

**Skin Protection:**

Wear suitable gloves and long sleeve shirts to avoid skin irritation or injury.

**Eye protection**

Use of Safety glasses with full side shields is always recommended. Where air turbulence may be present, goggles are also recommended. OSHA 29 CFR 1910.133 (Safety Glasses)

**ENGINEERING CONTROLS****Ventilation**

Provide general and/or local exhaust ventilation to control airborne levels below TLV.

**Work hygienic practices:**

Avoid contact with skin, eyes, and clothing. After handling the product, wash hands before eating, drinking or smoking.

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**9. PHYSICAL AND CHEMICAL PROPERTIES**

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**Physical Data**

Boiling Point:	N /A
Melting Point:	145 °F
Specific Gravity:	NAIF
Vapor Pressure:	N/A
Percent volatile by Vol.:	Negligible
Vapor density:	NAIF
Solubility in Water:	Negligible
Solubility in Alcohol:	Partially
Solubility in other solvents:	Alkaline Cleaners or Chlorinated Solvents
Appearance and odor:	Pre-molded Cake / Dark Color/Tallow Odor

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**10. STABILITY AND REACTIVITY**

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**Chemical Stability**

Stable at normal temperatures and storage condition

**Conditions to Avoid**

Stable under normal conditions. Avoid using under conditions of insufficient ventilations and dust collecting systems.

**Incompatibility with other materials**

Strong Oxidizers or reducing agents

**Hazardous decomposition products**

On combustion Hydrocarbons may form to produce smoke, carbon monoxide, carbon dioxide

**Hazardous Polymerization**

Will not occur



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## 11. TOXICOLOGICAL INFORMATION

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### Effects

#### GENERAL

No information available

#### SWALLOWING

##### Acute effects

Low acute toxicity. May cause gastrointestinal disturbances, constipation or diarrhea

#### SKIN ABSORPTION

##### Acute effects

Low acute toxicity.

#### INHALATION

##### Acute effects

Dust may cause irritation of the respiratory tract

#### SKIN CONTACT

##### Acute effects

May cause slight irritation

#### EYE CONTACT

##### Acute effects

May cause slight irritation

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## 12. ECOLOGICAL INFORMATION

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Generally, no adverse conditions are anticipated, but may require compliance with governmental restrictions and permitting requirements prior to release.

Not expected to be acutely toxic to aquatic organisms.

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## 13. DISPOSAL CONSIDERATIONS

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### General

It is our opinion this product is not a RCRA hazardous waste. It is the generator's responsibility to make their own determination as to the RCRA status of waste they generate. (40 CFR 261.20-24 or State equivalent in the USA) We have not performed Toxicity Characteristic Leachate Procedure (LCLP) on this product. Disposal must be made according to under appropriate Federal, State, and local regulations.

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## 14. TRANSPORTATION INFORMATION

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### Shipping information



D.O.T Classification:	Not Regulated.
Canadian TDGR Hazard Class and Pin:	Not Regulated
Freight description:	Buffing or Polishing Compound
NMFC NUMBER	33440 (CLASS 55)
Land Transport ADR/RID (cross boarder):	Not Regulated
Air Transport:	Not Regulated
Marine Pollutant:	Not listed
Placards:	Not applicable

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 15. REGULATORY INFORMATION  
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 U.S. Federal Regulations

SARA Title III:

Section 302 Extremely Hazardous Substances: None

Section 304 Emergency Release Reporting: None

Section 311/312

Acute : no

Chronic : no

Fire : no

Reactivity : no

Pressure : no

Section 313 Toxic Categories: None

CERCLA (Superfund) reportable quantity: None

Clean Air Act of 1990 – Title VI: This material does not contain nor was it manufactured using ozone depleting chemicals

Volatile Organic Compound (VOC): None

Carcinogen Identification: This product has not been identified as a carcinogen by NTP, IARC or OSHA.

CANADIAN WHMIS CLASSIFICATION

Not a controlled product under WHMIS

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 16. OTHER INFORMATION  
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 Hazard Rating System

National Fire Protection Association (NFPA) Rating

Health : 1

Flammability : 0

Reactivity : 0

Ingredient ratio proportions can be and are varied to meet individual buffing needs and surface conditioning. Respirable dust and debris hazards may be created during buffing polishing operations. Exposure limits for dust particles should not be exceeded beyond ACGIH, TLV-TWA recommend ceilings for Respirable silica and/or Tripoli dust at 0.1mg/M3.



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).

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