

SD-KX-10124/25

**SAFETY DATA SHEET**

Issuing Date 1/10/11

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Revision Number 1

**1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING****Product identifier****Product Name** Stropping and Honing Compound**Other means of identification** KX-10124, KX-10125**Synonyms** None**Recommended use of the chemical and restrictions on use****Recommended Use** Abrasive / Buffing Compound**Uses advised against** No information available**Details of the supplier of the safety data sheet**

**Supplier Name** Formax Mfg. Corporation  
**Supplier Address** 168 Wealthy St.S.W.  
Grand Rapids  
MI  
49503  
US  
**Supplier Phone Number** Phone:1-616-456-5458  
Fax:1-616-456-7507  
Contact Phone1-616-456-7507  
**Supplier Email** sales@formaxmfg.com  
**Emergency telephone number**

**2. HAZARDS IDENTIFICATION****Classification**

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

**GHS Label elements, including precautionary statements****Emergency Overview****Signal word** None

**SD-KX-10124.25 Stropping Compound****Hazard Statements**

None

The product contains no substances which at their given concentration, are considered to be hazardous to health

**Appearance** Yellow**Physical State** Solid**Odor** Fatty Odor**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

**Other information**

May cause slight eye irritation  
PROLONGED OR REPEATED CONTACT MAY DRY SKIN AND CAUSE IRRITATION

**Interactions with Other Chemicals**

No information available.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

| Chemical Name  | CAS No    | Weight-% | Trade Secret |
|----------------|-----------|----------|--------------|
| Aluminum oxide | 1344-28-1 | 30 - 60  | *            |
| Stearic acid   | 57-11-4   | 5 - 10   | *            |

\*The exact percentage (concentration) of composition has been withheld as a trade secret

**4. FIRST AID MEASURES****First aid measures****Eye Contact**

Rinse thoroughly with plenty of water, also under the eyelids. If symptoms persist, call a physician.

**Skin Contact**

Wash skin with soap and water. In the case of skin irritation or allergic reactions see a physician.

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**Inhalation** Remove to fresh air. If symptoms persist, call a physician.

**Ingestion** Do NOT induce vomiting. Drink plenty of water. If symptoms persist, call a physician.

**Most important symptoms and effects, both acute and delayed**

**Most Important Symptoms and Effects** No information available.

**Indication of any immediate medical attention and special treatment needed**

**Notes to Physician** Treat symptomatically.

**5. FIRE-FIGHTING MEASURES****Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Media**

CAUTION: Use of water spray when fighting fire may be inefficient.

**Specific Hazards Arising from the Chemical**

No information available.

**Hazardous Combustion Products**

Carbon oxides.

**Explosion Data**

**Sensitivity to Mechanical Impact** No.

**Sensitivity to Static Discharge** No.

**Protective equipment and precautions for firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

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## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

**Personal Precautions**                      Avoid contact with eyes.

### Environmental Precautions

**Environmental Precautions**              Refer to protective measures listed in Sections 7 and 8.

### Methods and material for containment and cleaning up

**Methods for Containment**                Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up**                Pick up and transfer to properly labeled containers.

## 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

### Control parameters

#### Exposure Guidelines

| Chemical Name               | ACGIH TLV                                       | OSHA PEL  | NIOSH IDLH |
|-----------------------------|---|---|------------|
| Aluminum oxide<br>1344-28-1 | TWA: 1 mg/m <sup>3</sup> respirable<br>fraction | TWA: 15 mg/m <sup>3</sup> total dust<br>TWA: 5 mg/m <sup>3</sup> respirable<br>fraction<br>(vacated) TWA: 10 mg/m <sup>3</sup> total<br>dust<br>(vacated) TWA: 5 mg/m <sup>3</sup><br>respirable fraction |            |

*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

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**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 OSH 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**

|   |  |                        |                          |
|---|--|------------------------|--------------------------|
| <b>Physical State</b>                         | Solid                                    | <b>Odor</b>            | Fatty Odor               |
| <b>Appearance</b>                             | Premolded Cake Form                      | <b>Odor Threshold</b>  | No information available |
| <b>Color</b>                                  | Yellow                                   |                        |                          |
| <b>Property</b>                               | <b>Values</b>                            | <b>Remarks/ Method</b> |                          |
| <b>pH</b>                                     | No data available                        | None known             |                          |
| <b>Melting / freezing point</b>               | 131F                                     | None known             |                          |
| <b>Boiling point / boiling range</b>          | No data available                        | None known             |                          |
| <b>Flash Point</b>                            | No data available                        | None known             |                          |
| <b>Evaporation Rate</b>                       | Nil                                      | None known             |                          |
| <b>Flammability (solid, gas)</b>              | No data available                        | None known             |                          |
| <b>Flammability Limit in Air</b>              |  |                        |                          |
| <b>Upper flammability limit</b>               | No data available                        |                        |                          |
| <b>Lower flammability limit</b>               | No data available                        |                        |                          |
| <b>Vapor pressure</b>                         | <0.01                                    | None known             |                          |
| <b>Vapor density</b>                          | No data available                        | None known             |                          |
| <b>Specific Gravity</b>                       | No data available                        | None known             |                          |
| <b>Water Solubility</b>                       | Partially                                | None known             |                          |
| <b>Solubility in other solvents</b>           | Alkaline Cleaner<br>Chlorinated Solvents | None known             |                          |
| <b>Partition coefficient: n-octanol/water</b> | No data available                        | None known             |                          |
| <b>Autoignition temperature</b>               | No data available                        | None known             |                          |
| <b>Decomposition temperature</b>              | No data available                        | None known             |                          |
| <b>Kinematic viscosity</b>                    | No data available                        | None known             |                          |
| <b>Dynamic viscosity</b>                      | No data available                        | None known             |                          |
| <b>Explosive properties</b>                   | No data available                        |                        |                          |
| <b>Oxidizing Properties</b>                   | No data available                        |                        |                          |
| <b>Other Information</b>                      |  |                        |                          |
| <b>Softening Point</b>                        | No data available                        |                        |                          |
| <b>VOC Content (%)</b>                        | No data available                        |                        |                          |

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**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 |
|-----------------------------|----------------------|-------------|-----------------|
| Aluminum oxide<br>1344-28-1 | > 5000 mg/kg ( Rat ) | -           | -               |

**Information on toxicological effects**

**Symptoms** No information available.

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

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**Sensitization** No information available.

**Mutagenic Effects** No information available.

**Carcinogenicity** The table below indicates whether each agency has listed any ingredient as a carcinogen.

| Chemical Name | ACGIH | IARC | NTP | OSHA |
|---------------|-------|------|-----|------|
|               |       |      |     |      |

**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.

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### 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.

#### **Contaminated Packaging**

Dispose of contents/containers in accordance with local regulations.

| Chemical Name | RCRA | RCRA - Basis for Listing | RCRA - D Series Wastes | RCRA - U Series Wastes |
|---------------|------|--------------------------|------------------------|------------------------|
|               |      |                          |                        |                        |

|  |  |
|--|--|
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|--|--|

### 14. TRANSPORT INFORMATION

#### DOT

Proper Shipping Name  
Hazard Class

NOT REGULATED  
**NMFC-48580 Scouring Compound (Cake, Paste or Liquid form N.O.I.)**  
N/A

#### TDG

Not regulated

#### MEX

Not regulated

#### ICAO

Not regulated

#### IATA

Proper Shipping Name  
Hazard Class

Not regulated  
NON REGULATED  
N/A

#### IMDG/IMO

Hazard Class

Not regulated  
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



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DSL/NDL - 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 contains 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 % |
|----------------------------|-----------|----------|-------------------------------|
| Aluminum oxide - 1344-28-1 | 1344-28-1 | 30 - 60  | 1.0                           |

**SARA 311/312 Hazard Categories**

|                                   |    |
|-----------------------------------|----|
| Acute Health Hazard               | No |
| 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 substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

| Chemical Name | CWA - Reportable Quantities | CWA - Toxic Pollutants | CWA - Priority Pollutants | CWA - Hazardous Substances |
|---------------|-----------------------------|------------------------|---------------------------|----------------------------|
| ----          |                             |                        |                           |                            |

**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 does not contain any Proposition 65 chemicals.

**U.S. State Right-to-Know Regulations**

| Chemical Name               | New Jersey | Massachusetts | Pennsylvania | Rhode Island | Illinois |
|-----------------------------|------------|---------------|--------------|--------------|----------|
| Aluminum oxide<br>1344-28-1 | X          | X             | X            | X            |          |

**International Regulations****Mexico****National occupational exposure limits**

| Component                               | Carcinogen Status | Exposure Limits                   |
|---|-------------------|-----------------------------------|
| Aluminum oxide<br>1344-28-1 ( 30 - 60 ) |                   | Mexico: TWA= 10 mg/m <sup>3</sup> |

Mexico - Occupational Exposure Limits - Carcinogens

**Canada****WHMIS Hazard Class**

Non-controlled

**16. OTHER INFORMATION**

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|             |                       |   |                     |   |                        |   |  |   |
|-------------|-----------------------|---|---------------------|---|------------------------|---|--|---|
| <b>NFPA</b> | <b>Health Hazards</b> | 1 | <b>Flammability</b> | 0 | <b>Instability</b>     | 0 | <b>Physical and<br/>Chemical Hazards</b> | - |
| <b>HMIS</b> | <b>Health Hazards</b> | 1 | <b>Flammability</b> | 0 | <b>Physical Hazard</b> | 0 | <b>Personal Protection</b>               | X |

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**Revision Note** No information available

**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

**End of Safety Data Sheet**