

Trend Routing Technology Inc.

7351 West Friendly Avenue, Suite A, Greensboro NC 27410 USA

Tel: 336 292 5051

PAGE 1 of 9	MATERIAL SAFETY DATA SHEET
VERSION: 1.0	HONING COMPOUND
	COPIED: NJM
	ISSUE DATE: AUGUST 14th, 2014

OSHA "HAZARD COMMUNICATION" (29 CFR 1910.1200)

1. CHEMICAL PRODUCT & COMPANY IDENTIFICATION

Product name: Honing Compound Bar

Product ref: U*DWS/HP/US

Application: Buffing compound.

Suppliers trade names: Honing Compound Bar, BX-6842, 12668, 12680 Micro Fine Green Honing Compound Premolded Bar

Formulation: 12668 Green. Mixture/Buffering and Polishing Agent

Suppliers name: Formax Manufacturing Corporation
168 Wealthy Street S.W.
Grand Rapids
MI 49503
USA

Tel: (616)-456-5458
Fax: (616)-456-7507

Email: sales@formaxmfg.com

In case of emergency
please contact: (888)-457-4463 or 616-456-5458

Chemical formula: Proprietary formula abrasive/grease mixture

Chemical family: Organic/inorganic mixture

Chemical name: Mixture/Buffering and Polishing Agent

Product use: Buffing compound.

Section 1 notes: Not applicable.

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2. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient Name	CAS No.	EINECS	Wt (%)	Vol (%)	SARA 313 Reportable
Chromium Oxide (C.R.2. 03)	1308-38-9	215-160-9	30-20		1.0
Aluminum Oxide (Alumina)	1344-28-1	215-691-6	50-60		1.0
Tallow Derivatives (Animal Fats)	61789-97-7	263-099-1	2-5		n/a
Glycerides (Triglycerides)	67701-27-3	263-099-1	13-12		n/a
Mineral Wax	8002-74-2	266-945-8	5-3		n/a

OSHA Permissive Exposure

Limit: 15 mg/m³ (Total Dust).

ACGIH TLV: 10 mg/m³ (Total Dust).

Section 2 notes: Compound is formulated with abrasives surrounded in a matrix of grease binders waxes and/or soap/water emulsions.

3. HAZARDS IDENTIFICATION

Main hazards: During buffing operations use of the product may generate a dust and debris hazards. Exposure limits for dust particles should not exceed beyond ACGIH, TLV-TWA recommended ceilings for respirable silica and/or Tripoli dust at 0.1 mg/m³.

Emergency overview: Dust may cause eye, skin or respiratory irritation.

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

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

Inhalation (during use): Acute – may cause coughing, shortness of breath (dust).
Chronic – may affect breathing capacity (dust).

Ingestion: May cause gastrointestinal disturbances, constipation or diarrhoea.

Other potential health risks Symptoms might include deposits of materials in eyes, ears, nasal

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passages, irritation of mucus membranes.
(Prolonged inhalation of dust particles may result in disabling pulmonary fibrosis).

Warning: Do not breathe dust of compounds containing abrasive materials without following OSHA safety and health standards for dust accumulation collection.

Medical conditions generally aggravated by exposure:

Prolonged or repeated contact may dry skin and cause irritation

Carcinogenicity:

OSHA: Not reported.
NTP: Not reported.
IARC: Not reported.

Section 3 notes:

Not applicable.

4. FIRST-AID MEASURES

Skin contact:

Wash skin with soap and water. Obtain first aid. Absorption and/or medical assistance if symptoms persist.

Eye contact:

Wash with large amounts of water – obtain first aid or medical assistance if needed.

Ingestion:

Obtain first aid or medical assistance if needed.

Inhalation:

Remove to fresh air supply, artificial respiration as needed. Obtain first aid or medical assistance.

Notes to physicians or first aid providers:

Not applicable.

Section 4 notes:

Not applicable.

5. FIRE-FIGHTING MEASURES

Flammable limits:

Not established.

Flash point:
(Method used:)

Not applicable.
C.O.C.

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Hazard classification: Health rating: 1
Flammability rating: 0
Reactivity rating: 0
Hazard rating: 0

Extinguishing media: CO2. Dry chemical, foam, water fog.

Special fire fighting procedures: Dried polishing compound and buffing wheel lint and debris may make mix combustible. Treat as an oil fire.

Unusual fire and explosion hazards: None for new and unused stored material.

Hazardous decomposition products: On combustion hydrocarbons may form to produce smoke, carbon monoxide, carbon dioxide.

Section 5 notes: Not applicable.

6. ACCIDENTAL RELEASE MEASURES

Accidental release measures: Sweep into containers; storage of buffing wheel and compound debris may contain combustible lint.
Incinerate or dispose of in accordance with applicable local, state or national legislation.

CERCLA (Superfund) reportable quantity (in LBS): None.

RCRA Hazardous waste No. (40 CFR 261.33): None.

Volatile Organic Compound (VOC) (as packaged, minus water): Not applicable.

Section 6 notes: Not applicable.

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7. HANDLING AND STORAGE

Handling and storage:	Handle with adequate ventilation for nuisance dust when using. See OSHA 29 CFR 1910.24 (Ventilation) and 29 CFR 1910.1000 (Air Contaminants). Store away from excessive heat. Keep liquids from freezing. Store in original container.
Other precautions:	None.
Section 7 notes:	Not applicable.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering controls:	For buffing machines regular constant vigilance is Safety and Maintenance check-up programs are advised to reduce risks associated with buffing and polishing operations.
Ventilation:	For buffing machines local exhaust ventilation. General room ventilation.
Mechanical (general):	For buffing machines, recommend venting to dust collectors.
Respiratory protection:	For buffing machines OSHA 24 CFR/134 NIOSH/MSHA approved respirators for particulates from buffing debris.
Hand protection:	Wear heavy-duty work type gloves for hand protection.
Eye protection:	For buffing machines wear safety glasses and/or face shield helmets. See OSH 29 CFR 1910.122 (Safety Glasses).
Other protective clothing or equipment:	Protective work clothing, body apron or belly pads, safety shoes, as needed.
Hearing protection:	For buffing machines avoid prolonged excessive noise levels created by buffing and polishing operations. See OSHA 29 CFR 1910.215 (Hearing Protection).
Section 8 notes:	Not applicable.

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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Premolded cake form.
Physical state:	Solid.
Odour:	Tallow.
pH as supplied: (Other):	Not applicable. Not applicable.
Boiling point:	Not applicable.
Melting point:	131°F.
Freezing point:	Not applicable.
Vapor pressure:	Not applicable.
Vapor density (Air=1):	No applicable information found.
Specific gravity (H2O=1):	No applicable information found.
Evaporation rate: Basis (=1)	Nil.
Solubility in water:	Negligible.
Solubility in alcohol:	Moderate.
Solubility in other solvents:	Alkaline cleaners or chlorinated solvents.
Percent volatile by vol:	0
Volatile Organic Compound (VOC) (as packaged, minus water):	Not applicable.
Section 9 notes:	Not applicable.

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10. STABILITY AND REACTIVITY

Stability: Stable.

Conditions to avoid (stability): Using under conditions of insufficient dust collecting systems, or ventilation.

Incompatibility (material to avoid): Strong oxidisers or reducing agents.

Hazardous decomposition products: On combustion hydrocarbons may form to produce smoke, carbon monoxide, carbon dioxide.

Hazardous polymerization: Will not occur.

Conditions to avoid (polymerization): Not applicable.

Section 10 notes: Not applicable.

11. TOXICOLOGICAL INFORMATION

Health Hazards

Section 11 notes: Not applicable.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Section 12 notes: Not applicable.

13. DISPOSAL CONSIDERATIONS

Product disposal method: Incinerate or dispose of in accordance with applicable local, state or national legislation.

Packaging disposal: Dispose of in accordance with local regulations. Waste codes should be assigned by the user, preferably in discussion with the waste disposal authorities.

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RCRA hazard class: None.

CERCLA (Superfund)
reportable quantity
(in LBS): None.

Section 13 notes: No special considerations.

14. TRANSPORT INFORMATION

U.S. Department of Transportation

Proper shipping name: NMFC-48580 Scouring compound (Cake, paste or liquid form NOI).

Hazard class: This product is not regulated by DOT.

ID number:

Packing group:

Label statement:

Water transportation

Proper shipping name: This product is not regulated by DOT.

Hazard class:

ID number:

Packing group:

Label statements:

Air transportation

Proper shipping name: This product is not regulated.

Hazard class:

ID number:

Packing group:

Label statements:

Other agencies: Not applicable.

Reportable quantities: None.

Section 14 notes: Not applicable.

15. REGULATORY INFORMATION

U.S. Federal regulations: TSCA (Toxic Substance Control Act): Not applicable.

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CERCLA (Comprehensive Response Compensation, and Liability Act): Not applicable.
SARA Title III (Superfund Amendments and Reauthorization Act): Not applicable.
311/312 hazard categories: Not applicable.
313 reportable ingredients: None reportable.

State regulations: Not applicable.

International regulations: Not applicable.

Safety phrases: S24: Avoid contact with skin.
S25: Avoid contact with eyes.

16. OTHER INFORMATION

User notes: Sections revised: - None.

Information sources: Supplier's own safety data sheet file no. 12668 Green Form No. 98041 issued 2nd January 2014.

Revisions comments: None.

Trend MSDS ref: LEAF/HS/U*DWSHP

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