

Material Safety Data Sheet: **SLASHER SS GRINDING WHEEL**

Issuing Date 04/06/2010

Supersedes Date Not applicable

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name SLASHER SS GRINDING WHEEL
 Recommended Use Abrasive
 Information on Manufacturer
 Trust-X by Parlsmaster, Div of NCH Corp.
 P.O. Box 655326
 Dallas, TX 75265-5326

Product Code SLSHSS
 Chemical Nature Inorganic solid blend
 Emergency Telephone Number
 CHEMTREC® 800-424-9300

2. HAZARDS IDENTIFICATION

Emergency Overview
WARNING

Product dust may be irritating to eyes, skin and respiratory system
 Noise can damage hearing
 Keep out of reach of children

Color Green Physical State Solid Odor Odorless
 Potential Health Effects
 Principle Route of Exposure Skin contact
 Primary Routes of Entry None known.
Acute Effects
Eyes Dust may cause abrasive injury to the eye seen as stinging, tearing, redness, or scratching of the cornea.
Skin Excessive contact may cause mechanical irritation seen as itching and redness.
Inhalation Prolonged exposure to grinding dust may cause upper respiratory problems or aggravate existing conditions. The dust generated during the use of this product is classified by OSHA as inert dust or nuisance dust and has the same pulmonary effects of inert dust with symptoms that may include soreness of the nose and throat, coughing and sneezing.
Ingestion Ingestion may cause irritation to mucous membranes.
Chronic Toxicity Long term overexposure to respirable dust may cause lung damage (fibrosis) with symptoms of coughing, shortness of breath and diminishing breath capacity. Most of the dust generated during the sanding is from the base material being worked and the potential hazard from this exposure must be evaluated.
Target Organ Effects Respiratory system
Aggravated Medical Conditions Respiratory disorders
Potential Environmental Effects See Section 12 for additional Ecological information.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS-No
Aluminum oxide	1344-28-1
Zirconium oxide	1314-23-4
Chromium Oxide	1308-38-9
Titanium dioxide	13463-67-7
Fiberglass	65997-17-3

4. FIRST AID MEASURES

Eye Contact Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
Skin Contact Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes.
Inhalation Move to fresh air.
Ingestion Clean mouth with water and afterwards drink plenty of water.
Notes to Physician Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Flash Point The product is not flammable
Autoignition Temperature No information available.
Upper No data available
Lower No data available
Suitable Extinguishing Media
 Carbon dioxide (CO2), Dry chemical, Foam, Water spray.
Specific hazards arising from the chemical
 The product causes burns of eyes, skin and mucous membranes.
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.
NFPA Health 1 Flammability 0 Instability 0
HMIS Health 1 Flammability 0 Instability 0

6. ACCIDENTAL RELEASE MEASURES

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Personal Precautions Ensure adequate ventilation.
Environmental Precautions Prevent further leakage or spillage if safe to do so.
Methods for Containment Pick up and arrange disposal without creating dust.
Methods for Cleaning Up Avoid dust formation. Sweep up or vacuum up spillage and collect in suitable container for disposal. Pick up product and inspect for torn or damage areas. Do not use if product is torn or damaged.
Neutralizing Agent Not applicable.

7. HANDLING AND STORAGE

Handling Ensure adequate ventilation. Comply with ANSI B8.3 Safety, Use and Care of Abrasives Wheels. Avoid contact with skin, eyes, and clothing. Keep away from flames and hot surfaces.
Storage Keep in a dry place.
Storage Temperature Minimum No information available Maximum Heated No information available Refrigerated
Storage Conditions Indoor X Outdoor

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines

Component	ACGIH TLV	OSHA PEL	NIOSH
Aluminum oxide	TWA: 1 mg/m ³	: 15 mg/m ³ TWA (total dust); 5 mg/m ³ TWA (respirable fraction)	No data available
Zirconium oxide	STEL: 10 mg/m ³ TWA: 5 mg/m ³	TWA: 5 mg/m ³	IDLH: 50 mg/m ³ TWA: 5 mg/m ³ STEL 10 mg/m ³
Chromium Oxide	TWA: 0.5 mg/m ³	TWA: 0.5 mg/m ³	IDLH: 25 mg/m ³ TWA: 0.5 mg/m ³
Titanium dioxide	: 10 mg/m ³ TWA	: 15 mg/m ³ TWA (total dust)	: 5000 mg/m ³ IDLH
Fiberglass	TWA: 1 fiber/cm ³ TWA: 5 mg/m ³	No data available	No data available

Engineering Measures Provide appropriate exhaust ventilation at places where dust is formed. Handle only in a place equipped with local exhaust (or other appropriate exhaust).
Personal Protective Equipment
Eye/Face Protection Safety glasses with side-shields.
Skin Protection Protective gloves
Respiratory Protection Wear a MSHA/NIOSH approved respirator if exposure limits are exceeded or where dust exposure are excessive.
General Hygiene Considerations Do not eat, drink or smoke when using this product. Remove and wash contaminated clothing and gloves, including the inside, before re-use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State Solid
Color Green
Appearance Opaque
Specific Gravity No information available
Percent Volatile (Volume) No data available
Vapor Pressure Not applicable
Solubility Insoluble
Viscosity Not applicable
Odor Odorless
pH Not applicable
Evaporation Rate Not applicable
VOC Content (%) No information available
Vapor Density No information available
Boiling Point/Range Not relevant

10. STABILITY AND REACTIVITY

Chemical Stability Stable under normal conditions.
Conditions to Avoid Protect from water, Keep away from open flames, hot surfaces, and sources of ignition.
Incompatible Products Strong oxidizing agents, Acids.
Hazardous Decomposition Products None under normal use.
Possibility of Hazardous Reactions None under normal processing.

11. TOXICOLOGICAL INFORMATION

Product Information No information available.

Component Information

Acute toxicity

Component	LD50 Oral	LD50 Dermal	LC50 Inhalation	Draize Test	Other
Aluminum oxide	5000 mg/kg (Rat)	no data available	no data available	no data available	no data available
Zirconium oxide	no data available	no data available	no data available	no data available	no data available
Chromium Oxide	no data available	no data available	no data available	no data available	no data available
Titanium dioxide	10000 mg/kg (Rat)	no data available	no data available	no data available	no data available
Fiberglass	no data available	no data available	no data available	no data available	no data available

DTL Item
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Chronic Toxicity

Component	Mutagenicity	Sensitization	Developmental Toxicity	Reproductive Toxicity	Target Organ Effects
Aluminum oxide	no data available	no data available	no data available	no data available	eyes, respiratory system, skin
Zirconium oxide	no data available	no data available	no data available	no data available	skin, respiratory system (other than Zirconium hydroxide)
Chromium Oxide	no data available	no data available	no data available	no data available	eyes, skin
Titanium dioxide	no data available	no data available	no data available	no data available	respiratory system (in animals: lung tumors)
Fiberglass	no data available	no data available	no data available	no data available	no data available

Carcinogenicity

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

Component	ACGIH	IARC	NTP	OSHA	Other
Aluminum oxide	not applicable	not applicable	not applicable	not applicable	not applicable
Zirconium oxide	not applicable	not applicable	not applicable	not applicable	not applicable
Chromium Oxide	not applicable	not applicable	not applicable	not applicable	not applicable
Titanium dioxide	not applicable	Group 2B	not applicable	X	not applicable
Fiberglass	not applicable	not applicable	not applicable	not applicable	not applicable

12. ECOLOGICAL INFORMATION

Product Information No information available.

Component Information

Component	Toxicity to Algae	Toxicity to Fish	Microtox	Water Fleas	log Pow
Aluminum oxide	no data available	no data available	no data available	no data available	N/A
Zirconium oxide	no data available	no data available	no data available	no data available	N/A
Chromium Oxide	no data available	no data available	no data available	no data available	N/A
Titanium dioxide	no data available	no data available	no data available	no data available	N/A
Fiberglass	no data available	LC50 24.2 - 48.4 µg/L, <i>Leoporeia macrochirus</i> 96 h LC50 5.8 - 7.4 µg/L, <i>Pimephales promelas</i> 96 h LC50 9.4 - 8.7 µg/L, <i>Pimephales promelas</i> 96 h	no data available	LC50 1.4 - 2.3 µg/L 96 h EC50 = 0.9 µg/L 48 h LC50 = 5 µg/L 96 h	N/A

Persistence and Degradability No information available.
Bioaccumulation No information available.
Mobility No information available.

13. DISPOSAL CONSIDERATIONS

Product Disposal Dispose of in accordance with local regulations.
Container Disposal Empty containers should be taken for local recycling, recovery, or waste disposal.

14. TRANSPORT INFORMATION

DOT Not regulated
TDG Not regulated
ICAO Not regulated
IATA Not regulated
IMDG/IMO Not regulated

15. REGULATORY INFORMATION

Inventories
TSCA Complies
DSL Complies

U.S. 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

Component	CAS-No	Weight %	SARA 313 - Threshold Values
Aluminum oxide	1344-28-1	40-70	1.0 % de mm/mis concentration (fibrous forms)

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Chromium Oxide	1308-38-9	1-5	0.1 1.0
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SARA 311/312 Hazardous Categorization

Acute Health Hazard	Chronic Health Hazard	Fire Hazard	Sudden Release of Pressure Hazard	Reactive Hazard
Yes	No	No	No	No

CERCLA

Component	Hazardous Substances RQs	CERCLA EHS RQs
Aluminum oxide	Not applicable	Not applicable
Zirconium oxide	Not applicable	Not applicable
Chromium Oxide	Not applicable	Not applicable
Titanium dioxide	Not applicable	Not applicable
Fiberglass	Not applicable	Not applicable

Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

WHMIS Hazard Class
D2B Toxic materials



16. OTHER INFORMATION

Prepared By Ana Santiago
Supersedes Date Not applicable
Issuing Date 03/11/2010
Reason for Revision No information available.
Glossary No information available.
List of References. No information available.

Trust-X by Partsmaster, Div of NCH Corp. assumes no responsibility for personal injury or property damage caused by the use, storage, or disposal of the product in a manner not recommended on the product label. Users assume all risks associated with such unrecommended use, storage or disposal of the product. The information provided on this MSDS 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 guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as 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 material or in any process, unless specified in the text.