

Material Safety Data Sheet: TRUST-X PREMIUM FLAP WHEELS

Supersedes Date 09/04/2012

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1. PRODUCT AND COMPANY IDENTIFICATION

Product Name TRUST-X PREMIUM FLAP WHEELS

Product Code 97910080

Recommended use Abrasive

Chemical nature solid

Information on Manufacturer

Emergency Telephone Number

Trust-X by Partsmaster, Div of NCH Corp.

CHEMTREC® 800-424-9300

P.O. Box 655326

Dallas, TX 75265-5326

2. HAZARDS IDENTIFICATION

Emergency Overview

WARNING

Product dust may be irritating to eyes, skin and respiratory system

Keep out of reach of children

Color Dark brown

Physical State Solid

Odor Odorless

Potential Health Effects

Principle Route of Exposure

Inhalation

Primary Routes of Entry

Inhalation

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 gastrointestinal irritation, nausea, vomiting and diarrhea.

Chronic Toxicity

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 . Long term overexposure to respirable dust may cause lung damage (fibrosis) with symptoms of coughing, shortness of breath and diminishing breath capacity. Repeated contact may cause allergic reactions in very susceptible persons. Prolonged exposure to elevated noise levels during operations may affect hearing . For products containing Phenol and Formaldehyde which under excessive exposure may cause skin sensitization and airway obstruction . Excessive exposure to inorganic fluorides have shown to cause excessive calcification of the bones.

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	Weight %
Aluminum oxide	1344-28-1	10-30
Cotton	-----	10-30
Epoxy resin	-----	10-30
Phenol, polymer with formaldehyde	9003-35-4	10-30
Polymer-solids	-----	5-10
Calcium Silicate	13983-17-0	1-5
Inorganic fluorides	-----	1-5
Calcium carbonate	471-34-1	1-5

4. FIRST AID MEASURES

General advice

Avoid contact with skin, eyes and clothing. Avoid breathing dust.

Eye Contact

Do not rub your eyes . Rinse thoroughly with plenty of water, also under the eyelids. If eye irritation persists, consult a specialist .

Skin Contact

Get medical attention if irritation develops and persists.

Inhalation

Have the person blow their nose to remove the substance from nasal passages and keep from inhaling further . Get medical attention if symptoms occur.

Ingestion

Clean mouth with water and afterwards drink plenty of water. Get medical attention if symptoms occur.

Notes to physician

Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Flash Point	The product is not flammable	Method	Not applicable
Autoignition Temperature	No information available.		
Upper	No data available	Lower	No data available

Suitable Extinguishing Media

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

Specific hazards arising from the chemical

Dust can form an explosive mixture in air.

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

Personal Precautions	Ensure adequate ventilation.
Environmental Precautions	No special environmental precautions required.
Methods for Containment	Pick up and arrange disposal
Methods for Cleaning Up	Pick up product and inspect for torn or damage areas . Do not use if product is torn or damage . Sweep up or vacuum up spillage and collect in suitable container for disposal. Avoid dust formation.
Neutralizing Agent	Not applicable.

7. HANDLING AND STORAGE

Handling	Comply with RPM rating on each product . Avoid contact with skin, eyes and clothing. Avoid breathing dust. Handle and store in accordance with ANSI Standard B7.1.			
Storage	Keep in a dry place.			
Storage Temperature	Minimum	No information available	Maximum	No information available
Storage Conditions	Indoor	X	Outdoor	Heated Refrigerated

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines

Component	ACGIH TLV	OSHA PEL	NIOSH
Aluminum oxide	TWA: 1 mg/m ³	TWA: 15 mg/m ³ TWA: 5 mg/m ³	No data available
Cotton	No data available	No data available	No data available
Epoxy resin	No data available	No data available	No data available
Phenol, polymer with formaldehyde	No data available	No data available	No data available
Polymer-solids	No data available	No data available	No data available
Calcium Silicate	No data available	No data available	No data available
Inorganic fluorides	No data available	No data available	No data available
Calcium carbonate	No data available	No data available	TWA: 10 mg/m ³ TWA: 5 mg/m ³

Engineering Measures	Provide appropriate exhaust ventilation at places where dust is formed.
Personal Protective Equipment	
Eye/Face Protection	Tightly fitting safety goggles.
Skin Protection	Leather gloves, Long sleeved clothing.
Respiratory Protection	Wear a MSHA/NIOSH approved respirator if exposure limits are exceeded or where dust exposure are excessive .
General Hygiene Considerations	Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Wash hands before breaks and immediately after handling the product. Hearing protection may be required for grinding operations . As needed hearing protection, OSHA 29CFR 1910.95 .

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Solid	Viscosity	Not applicable
Color	Dark brown	Odor	Odorless
Appearance	Textured black paste	pH	Not applicable
Specific Gravity	No information available	Evaporation Rate	Not applicable
Percent Volatile (Volume)	No information available	VOC Content (%)	Not applicable
Vapor Pressure	Not applicable	Vapor Density	Not applicable
Solubility	Insoluble	Boiling Point/Range	Not applicable

10. STABILITY AND REACTIVITY

Chemical Stability

Stable under normal conditions.

Conditions to Avoid

Keep away from open flames, hot surfaces, and sources of ignition

Incompatible Products

Strong oxidizing agents, Acids.

Hazardous Decomposition Products

Traces of, Formaldehyde, traces of fluorinated products.

Possibility of Hazardous Reactions

None under normal processing

11. TOXICOLOGICAL INFORMATION

Product Information

Not Established for Mixture. See Section VIII.

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
Cotton	no data available	no data available	no data available	no data available	no data available
Epoxy resin	no data available	no data available	no data available	no data available	no data available
Phenol, polymer with formaldehyde	no data available	no data available	no data available	no data available	no data available
Polymer-solids	no data available	no data available	no data available	no data available	no data available
Calcium Silicate	no data available	no data available	no data available	no data available	no data available
Inorganic fluorides	no data available	no data available	no data available	no data available	no data available
Calcium carbonate	= 6450 mg/kg (Rat)	no data available	no data available	no data available	no data available

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
Cotton	no data available	no data available	no data available	no data available	no data available
Epoxy resin	no data available	no data available	no data available	no data available	no data available
Phenol, polymer with formaldehyde	no data available	no data available	no data available	no data available	no data available
Polymer-solids	no data available	no data available	no data available	no data available	no data available
Calcium Silicate	no data available	no data available	no data available	no data available	no data available
Inorganic fluorides	no data available	no data available	no data available	no data available	no data available
Calcium carbonate	no data available	no data available	no data available	no data available	eyes, respiratory system, skin

Carcinogenicity

There are no known carcinogenic chemicals in this product.

Component	ACGIH	IARC	NTP	OSHA	Other
Aluminum oxide	not applicable	not applicable	not applicable	not applicable	not applicable
Cotton	not applicable	not applicable	not applicable	not applicable	not applicable
Epoxy resin	not applicable	not applicable	not applicable	not applicable	not applicable
Phenol, polymer with formaldehyde	not applicable	not applicable	not applicable	not applicable	not applicable
Polymer-solids	not applicable	not applicable	not applicable	not applicable	not applicable
Calcium Silicate	not applicable	not applicable	not applicable	not applicable	not applicable
Inorganic fluorides	not applicable	not applicable	not applicable	not applicable	not applicable
Calcium carbonate	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 Flea	log Pow
Aluminum oxide	no data available	no data available	no data available	no data available	N/A
Cotton	no data available	no data available	no data available	no data available	N/A
Epoxy resin	no data available	no data available	no data available	no data available	N/A
Phenol, polymer with formaldehyde	no data available	no data available	no data available	no data available	N/A
Polymer-solids	no data available	no data available	no data available	no data available	N/A
Calcium Silicate	no data available	no data available	no data available	no data available	N/A
Inorganic fluorides	no data available	no data available	no data available	no data available	N/A
Calcium carbonate	no data available	no data available	no data available	no data available	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	10-30	1.0

SARA 311/312 Hazardous Categorization

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

CERCLA

Component	Hazardous Substances RQs	CERCLA EHS RQs
Aluminum oxide	Not applicable	Not applicable
Cotton	Not applicable	Not applicable
Epoxy resin	Not applicable	Not applicable
Phenol, polymer with formaldehyde	Not applicable	Not applicable
Polymer-solids	Not applicable	Not applicable
Calcium Silicate	Not applicable	Not applicable
Inorganic fluorides	Not applicable	Not applicable
Calcium carbonate	Not applicable	Not applicable

U.S. State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

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 Don Stewart
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Reason for Revision No information available.

Glossary

No information available.

List of References.

No information available.

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