

# Material Safety Data Sheet: TRUST-X PREMIUM FLAP WHEELS

Supercedes Date 09/04/2012

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## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name** TRUST-X PREMIUM FLAP WHEELS

**Recommended use** Abrasive

**Information on Manufacturer**

Trust-X by Partsmaster, Div of NCH Corp.

P.O. Box 655326

Dallas, TX 75265-5326

**Product Code** 97910080

**Chemical nature** solid

**Emergency Telephone Number**

CHEMTREC® 800-424-9300

## 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

<b>Flash Point</b>	The product is not flammable	<b>Method</b>	Not applicable
<b>Autoignition Temperature</b>	No information available.		
<b>Upper</b>	No data available		<b>Lower</b> No data available
<b>Suitable Extinguishing Media</b>			
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.			
<b>Specific hazards arising from the chemical</b>			
Dust can form an explosive mixture in air.			
<b>Protective Equipment and Precautions for Firefighters</b>			
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.			
<b>NFPA</b>	Health 1	<b>Flammability</b> 0	<b>Instability</b> 0
<b>HMIS</b>	Health 1	Flammability 0	Instability 0

## 6. ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions</b>	Ensure adequate ventilation.
<b>Environmental Precautions</b>	No special environmental precautions required.
<b>Methods for Containment</b>	Pick up and arrange disposal
<b>Methods for Cleaning Up</b>	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.
<b>Neutralizing Agent</b>	Not applicable.

## 7. HANDLING AND STORAGE

<b>Handling</b>	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.		
<b>Storage</b>	Keep in a dry place.		
<b>Storage Temperature</b>	<b>Minimum</b> Indoor	No information available X	<b>Maximum</b> Heated
<b>Storage Conditions</b>		<b>Outdoor</b>	No information available <b>Refrigerated</b>

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

## Exposure Guidelines

Component	ACGIH TLV	OSHA PEL	NIOSH
Aluminum oxide	TWA: 1 mg/m <sup>3</sup>	TWA: 15 mg/m <sup>3</sup> TWA: 5 mg/m <sup>3</sup>	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 <sup>3</sup> TWA: 5 mg/m <sup>3</sup>

## 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

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

## 10. STABILITY AND REACTIVITY

<b>Chemical Stability</b>	Stable under normal conditions.
<b>Conditions to Avoid</b>	Keep away from open flames, hot surfaces, and sources of ignition
<b>Incompatible Products</b>	Strong oxidizing agents, Acids.
<b>Hazardous Decomposition Products</b>	Traces of, Formaldehyde, traces of fluorinated products.
<b>Possibility of Hazardous Reactions</b>	None under normal processing

## 11. TOXICOLOGICAL INFORMATION

Product Information	Not Established for Mixture. See Section VIII.
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## 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				
Cotton	not applicable				
Epoxy resin	not applicable				
Phenol, polymer with formaldehyde	not applicable				
Polymer-solids	not applicable				
Calcium Silicate	not applicable				
Inorganic fluorides	not applicable				
Calcium carbonate	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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**Issuing Date** 12/20/2013  
**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 document 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.**