

Safety Data Sheet: HIGH STRENGTH BUFFING PAD

Supersedes Date 01/11/2011

Issuing Date 01/10/2014

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name HIGH STRENGTH BUFFING PAD

Recommended use Buffing

Information on Manufacturer

Trust-X by Partsmaster, Div of NCH Corp.

P.O. Box 655326

Dallas, TX 75265-5326

Product Code 88260025

Chemical nature mixture

Emergency Telephone Number

CHEMTREC® 800-424-9300

Telephone Inquiry

972-579-2477

2. HAZARD IDENTIFICATION

Color Red

Physical State Solid

Odor Odorless

GHS

Classification

Physical Hazards

None

Health Hazard

Serious Eye Damage/Eye Irritation

Category 2B

Other hazards

None

Labeling

Signal Word

WARNING

Hazard Statements

H320 - Causes eye irritation

Precautionary Statements

P264 - Wash face, hands and any exposed skin thoroughly after handling.

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313 - If eye irritation persists, get medical attention.

P304 + P340 - IF INHALED: Remove person to fresh air and keep at rest in a position comfortable for breathing.

P342 + P311 - If experiencing respiratory symptoms, call a physician

30 % of the mixture consists of ingredient(s) of unknown toxicity

3. COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS-No	Weight %
Cured Resin	MIXTURE	30-60
Aluminum oxide	1344-28-1	30-60
Nylon Fiber	25038-54-4	10-30
Wollastonite (Ca(SiO3))	13983-17-0	1-5
Titanium dioxide	13463-67-7	1-5
Silicon dioxide - hydrated	7631-86-9	1-5
Polyethylene glycol distearate	9005-08-7	1-5

4. FIRST AID MEASURES

General advice

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

Wash affected areas with plenty of soap and water for several minutes. Seek medical attention if irritation develops.

Inhalation

Have the person blow their nose to remove the substance from nasal passages and keep from inhaling further .

Ingestion

Clean mouth with water and afterwards drink plenty of water

Notes to physician

Treat symptomatically

5. FIRE-FIGHTING MEASURES

Flash Point	Not applicable	Method	Seta closed cup
Upper	No data available		Lower
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

Personal Precautions	Ensure adequate ventilation. Use personal protective equipment.
Environmental Precautions	No special environmental precautions required. Prevent product from entering drains.
Methods for Containment	No information available
Methods for Cleaning Up	Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust)
Neutralizing Agent	None known.

7. HANDLING AND STORAGE

Handling	Ensure adequate ventilation. Comply with RPM rating on each product . Avoid contact with skin, eyes and clothing. Wear personal protective equipment. Keep away from flames and hot surfaces. 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
Cured Resin	No data available	No data available	No data available
Aluminum oxide	TWA: 1 mg/m ³	TWA: 15 mg/m ³ TWA: 5 mg/m ³	No data available
Nylon Fiber	No data available	No data available	No data available
Wollastonite (Ca(SiO ₃))	No data available	No data available	No data available
Titanium dioxide	TWA: 10 mg/m ³	TWA: 15 mg/m ³	IDLH: 5000 mg/m ³
Silicon dioxide - hydrated	No data available	No data available	IDLH: 3000 mg/m ³ TWA: 6 mg/m ³
Polyethylene glycol distearate	No data available	No data available	No data available

Engineering Measures	Ensure adequate ventilation, especially in confined areas
Personal Protective Equipment	
Eye/Face Protection	Tightly fitting safety goggles.
Skin Protection	Leather gloves
Respiratory Protection	Wear a MSHA/NIOSH approved respirator if exposure limits are exceeded or where dust exposure are excessive .
General Hygiene Considerations	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	Red	Odor	Odorless
Odor Threshold	Not applicable	Appearance	Textured black paste
pH	Not applicable	Specific Gravity	No data available
Evaporation Rate	Not applicable	Percent Volatile (Volume)	No information available
VOC Content (%)	Not applicable	Vapor Pressure	Not applicable
Vapor Density	Not applicable	Solubility	Not applicable
n-Octanol/Water Partition	No data available	Melting Point/Range	No data available
Decomposition Temperature	No data available	Boiling Point/Range	Not relevant
Flammability (solid, gas)	No data available		
Flash Point	Not applicable	Method	Seta closed cup
Autoignition Temperature	No information available.		
Upper	No data available		
Lower	No data available		

10. STABILITY AND REACTIVITY

Chemical Stability	Stable under normal conditions.
Conditions to Avoid	None known
Incompatible Products	Strong oxidizing agents
Hazardous Decomposition Products	Carbon oxides
Possibility of Hazardous Reactions	None under normal processing

11. TOXICOLOGICAL INFORMATION

Product Information

The following values are calculated based on chapter 3.1 of the GHS document (Rev. 3, 2009):

Oral LD50	No information available
Dermal LD50	No information available
Inhalation LC50	
Gas	No information available
Mist	No information available
Vapor	No information available

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

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 . 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, Lungs.

Aggravated Medical Conditions Respiratory system

Component Information

Acute Toxicity

Component	LD50 Oral	LD50 Dermal	LC50 Inhalation	Draize Test	Other
Cured Resin	no data available	no data available	no data available	no data available	no data available
Aluminum oxide	> 5000 mg/kg (Rat)	no data available	no data available	no data available	no data available
Nylon Fiber	no data available	no data available	no data available	no data available	no data available
Wollastonite (Ca(SiO3))	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
Silicon dioxide - hydrated	> 5000 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	> 2.2 mg/L (Rat) 1 h	no data available	no data available
Polyethylene glycol distearate	no data available	no data available	no data available	no data available	no data available

Chronic Toxicity

Component	Mutagenicity	Sensitization	Developmental Toxicity	Reproductive Toxicity	Target Organ Effects
Cured Resin	no data available	no data available	no data available	no data available	no data available
Aluminum oxide	no data available	no data available	no data available	no data available	eyes, respiratory system, skin
Nylon Fiber	no data available	no data available	no data available	no data available	no data available
Wollastonite (Ca(SiO3))	no data available	no data available	no data available	no data available	no data available
Titanium dioxide	no data available	no data available	no data available	no data available	respiratory system
Silicon dioxide - hydrated	no data available	no data available	no data available	no data available	eyes, respiratory system
Polyethylene glycol distearate	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
Cured Resin	not applicable	not applicable	not applicable	not applicable	not applicable
Aluminum oxide	not applicable	not applicable	not applicable	not applicable	not applicable
Nylon Fiber	not applicable	not applicable	not applicable	not applicable	not applicable
Wollastonite (Ca(SiO3))	not applicable	not applicable	not applicable	not applicable	not applicable
Titanium dioxide	A4	Group 2B	not applicable	X	not applicable
Silicon dioxide - hydrated	not applicable	not applicable	not applicable	not applicable	not applicable

Polyethylene glycol distearate	not applicable	not applicable	not applicable	not applicable	not applicable
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12. ECOLOGICAL INFORMATION

Product Information No information available.

Component Information

Component	Toxicity to Algae	Toxicity to Fish	Microtox	Water Flea	log Pow
Cured Resin	no data available	no data available	no data available	no data available	N/A
Aluminum oxide	no data available	no data available	no data available	no data available	N/A
Nylon Fiber	no data available	no data available	no data available	no data available	N/A
Wollastonite (Ca(SiO ₃))	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
Silicon dioxide - hydrated	EC50 = 440 mg/L Pseudokirchneriella subcapitata 72 h	LC50 = 5000 mg/L Brachydanio rerio 96 h	no data available	EC50= 7600 mg/L 48 h	N/A
Polyethylene glycol distearate	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	30-60	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
Cured Resin	Not applicable	Not applicable
Aluminum oxide	Not applicable	Not applicable
Nylon Fiber	Not applicable	Not applicable
Wollastonite (Ca(SiO ₃))	Not applicable	Not applicable
Titanium dioxide	Not applicable	Not applicable
Silicon dioxide - hydrated	Not applicable	Not applicable
Polyethylene glycol distearate	Not applicable	Not applicable

16. OTHER INFORMATION

Prepared By	Don Stewart
Supersedes Date	01/11/2011
Issuing Date	01/10/2014
Reason for Revision	No information available.
Glossary	No information available.
List of References.	No information available.

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