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DATE OF ISSUE
2/27/2004SUPERSEDES
8/22/2000

SECTION I - GENERAL INFORMATION

Chemical Name & Synonyms

N/A

Trade Name & Synonyms

TRUST-X CUTOFF WHEEL

Chemical Family:

SINOID BONDED CUTOFF WHEEL

Formula Mixture --> X

Manufacturer's Name:

Trust-X by Partsmaster, Div of NCH Corp.

Address:

P.O. Box 655326
Dallas, TX 75265-5326

Prepared By:

a.santiago/Chemist

Product Code Number

97600221

Emergency Phone Number

800-424-9300

SECTION II - HAZARDOUS INGREDIENTS

THE HAZARDS PRESENTED BELOW ARE THOSE OF THE INDIVIDUAL COMPONENTS

Chemical Name (Ingredients)

ALUMINUM OXIDE

SILICON DIOXIDE

CRYOLITE

CALCIUM METASIL

SILICON CARBIDE

IRON OXIDE

PREPREG FIBER (FIBERGLASS)

Hazard

TLV

PEL

STEL

CAS

IRRITANT

10 MG/M3

5 MG/M3

N/A

1344-28-1

NUIS. DUST

10 MG/M3

6 MG/M3

N/A

7631-86-9

IRRITANT

NOT EST.

2.5 MG/M3

N/A

15096-53-3

IRRITANT

NOT EST.

N/A

13983-17-0

NUIS. DUST

10 MG/M3

10 MG/M3

N/A

409-21-2

IRRITANT

5 MG/M3

NOT EST.

N/A

1309-37-1

IRRITANT

10 MG/M3

10 MG/M3

N/A

NOT APPLIC

SECTION III - PHYSICAL DATA

Boiling Point (F):

N/A

Specific Gravity (H2O=1):

2.0

Vapor Pressure (MM HG):

0

Color:

DARK BROWN TO BLACK

Vapor Density (Air=1):

0

Odor:

SLIGHT PHENOLIC ODOR

1500

N/A

Clarity:

N/A

Volatile by Volume:

0

Evaporation Rate (BU A/C=1):

SOLID

H2O Solubility:

<1g

Viscosity:

SOLID

SECTION IV - FIRE AND EXPLOSION HAZARD

Flash Point

N/A / N/A

Flammable Limits

LEL

UEL

N/A

N/A

Extinguishing Media

<--Foam

<--Alcohol Foam

X <--CO2

<--Dry Chemical

X <--Water Spray

<--Other

Special Fire Fighting Procedures:

FIREFIGHTERS SHOULD WEAR A SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE GEAR.

Unusual Fire and Explosion Hazards:

NONE KNOWN

Aerosol Level (NFPA 30B):

N/A

NFPA 704 Hazard Rating

(0=Insignificant 1=Slight 2=Moderate 3=High 4=Extreme)

2 <--Health

0 <--Flammability

0 <--Instability

<--Special

SECTION V - HEALTH HAZARD DATA

Threshold Limit Value:

NOT ESTABLISHED FOR MIXTURE. SEE SECTION II.

Effects of Overexposure:

-Acute (Short Term Exposure)

EYES: DUST MAY CAUSE EYE IRRITATION. DUST PARTICLES MAY CAUSE ABRASIVE INJURY TO THE EYE SEEN AS STINGING, TEARING, REDNESS, OR SCRATCHING OF THE CORNEA.

SKIN: DUST GENERATED CAN CAUSE SKIN IRRITATION SEEN AS A RASH. EXCESSIVE CONTACT MAY CAUSE MECHANICAL IRRITATION SEEN AS ITCHING AND REDNESS.

INHALATION: PROLONGED EXPOSURE TO CUTTING DUST MAY CAUSE UPPER RESPIRATORY PROBLEMS OR AGGRAVATE EXISTING PROBLEMS. 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.

-Chronic (Long Term Exposure)

LONG-TERM OVEREXPOSURE TO RESPIRABLE DUST MAY CAUSE LUNG DAMAGE (FIBROSIS) WITH SYMPTOMS OF COUGHING, SHORTNESS OF BREATH AND DIMINISHING BREATHING CAPACITY. CHRONIC EFFECTS MAY BE AGGRAVATED BY SMOKING. PROLONGED EXPOSURE TO ELEVATED NOISE LEVELS DURING OPERATIONS MAY AFFECT HEARING. IRON EXPOSURE CAN CAUSE METAL FEVER.

Primary Routes of Entry:

X <--Inhalation

<--Ingestion

<--Absorption

SECTION V - HEALTH HAZARD DATA (Continued)

Emergency and First Aid Procedures:

-Inhalation:

REMOVE FROM THE AREA TO FRESH AIR. SEEK MEDICAL ATTENTION IF RESPIRATORY IRRITATION DEVELOPS OR IF BREATHING BECOMES DIFFICULT.

-Eye Contact:

RINSE THE EYES WITH WATER. REMOVE ANY CONTACT LENSES AND CONTINUE FLUSHING WITH PLENTY OF WATER FOR SEVERAL MINUTES. SEEK MEDICAL ATTENTION IF IRRITATION DEVELOPS.

-Skin Contact:

WASH AFFECTED AREAS WITH PLENTY OF SOAP AND WATER FOR SEVERAL MINUTES. SEEK MEDICAL ATTENTION IF IRRITATION DEVELOPS.

-Ingestion:

GIVE 3 TO 4 GLASSES OF WATER, BUT DO NOT INDUCE VOMITING. IF VOMITING OCCURS, GIVE FLUIDS AGAIN. SEEK MEDICAL ATTENTION IF DISCOMFORT OCCURS.

-Notes to Physician:

SECTION VI - TOXICITY INFORMATION

Product Contains Chemicals Listed as Carcinogen or Potential Carcinogen By:

IARC--> No NTP--> No OSHA--> No ACGIH--> No OTHER--> Yes

SECTION VII - REACTIVITY DATA

Stability: X <--Stable <--Unstable

Conditions to Avoid:

NONE KNOWN

Incompatibility (Materials to Avoid):

NONE KNOWN

Hazardous Decomposition Products:

IN USE, DUST AND DECOMPOSING RESIN FUMES ARE GENERATED.

Hazardous Polymerization:

<--May Occur

X <--Will Not Occur

Conditions to Avoid:

NONE KNOWN

SECTION VIII - SPILL OR LEAK PROCEDURES

Steps to be Taken if Material is Released or Spilled:

GRINDING AND CUT OFF WHEELS IF DROPPED OR DAMAGED CAN CAUSE SERIOUS BODILY INJURY. AVOID USAGE IF PRODUCT HAS BEEN DROPPED OR FALLEN. SOLID ABRASIVE DISKS POSE NO SPILL/LEAK HAZARDS. USE NORMAL CLEAN UP/ SWEEPING PROCEDURES. KEEP DUST METAL RESIDUE OFF SKIN.

Waste Disposal Method(s):

SANITARY LAND FILL OR INCINERATION IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

Neutralizing Agent:

N/A

SECTION IX - SPECIAL PROTECTION INFORMATION

Required Ventilation:

USE LOCAL EXHAUST VENTILATION OR GENERAL VENTILATION AS REQUIRED. MINIMIZE EXPOSURE TO DUST AND ENSURE EXPOSURE TO DUST LEVELS DOES NOT EXCEED TLV'S. LOCAL EXHAUSTS VENTILATION IS PREFERRED BECAUSE IT PREVENTS CONTAMINANTS DISPERSION INTO THE WORK AREA BY CONTROLLING IT AT THE SOURCE. (OSHA 29 CFR 1910.94 VENTILATION)

Respiratory Protection:

WEAR A MSHA/NIOSH APPROVED RESPIRATOR IF EXPOSURE LIMITS ARE EXCEEDED OR WHERE DUST EXPOSURE ARE EXCESSIVE. SELECTION OF RESPIRATORY PROTECTION DEPENDS ON THE CONTAMINANT TYPE, FORM AND CONCENTRATION. SELECT AND USE RESPIRATORS IN ACCORDANCE TO OSHA RESPIRATOR REGULATIONS (29 CFR 1910.134) AND ANSI'S STANDARD FOR RESPIRATORY PROTECTION (Z88.2-1992).

Glove Protection:

LEATHER GLOVES PREFERRED.

Eye Protection:

SAFETY GOGGLES OR FULL FACE SHIELD SHOULD BE WORN, OSHA 29 CFR 1910.133

Other Protection:

HEARING PROTECTION MAY BE REQUIRED FOR GRINDING OPERATIONS. AS NEEDED HEARING PROTECTION, OSHA 29 CFR 1910.135

SECTION X - STORAGE AND HANDLING INFORMATION

Storage Temperature: Indoors--> X Outdoors-->

Minimum Temperature: N/A Maximum Temperature: N/A

Heated-->

Refrigerated-->

Precautions to be Taken in Handling and Storing:

STORE IN A DRY AREA AWAY FROM HUMIDITY AND FROM SOLVENT CONTACT. HANDLE CAREFULLY. AVOID DROPPING OR IMPACT; SERIOUS BODILY INJURY CAN RESULT FROM PRODUCT BREAK UP AND SEPARATION.

Other Precautions:

COMPLY WITH RPM RATING ON EACH PRODUCT.

SECTION XI - REGULATORY INFORMATION

SECTION XI - REGULATORY INFORMATION (Continued)

Chemical Name	CAS Number	Upper & Limit
ALUMINUM OXIDE	1344-28-1	20

Those ingredients listed above are subject to the reporting requirements of 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR part 372.

Please call 1-800-527-9919 for additional information if you are a California customer.
This MSDS is not intended for users in the state of California.

SECTION XII - REFERENCES

1. THRESHOLD LIMIT VALUES FOR CHEMICAL SUBSTANCES AND PHYSICAL AGENTS AND BIOLOGICAL EXPOSURE INDICES, ACGIH, 2003.
2. OSHA PEL.
3. REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES, CCINFOWeb, 2004.

ALL THE COMPONENTS OF THIS PRODUCT ARE IN COMPLIANCE WITH THE TOXIC SUBSTANCES CONTROL ACT (TSCA) AND ARE EITHER LISTED ON THE TSCA INVENTORY OR OTHERWISE EXEMPTED FROM LISTING.

IRR: IRRITANT, FLAM/FLAMM: FLAMMABLE, COMB: COMBUSTIBLE, CORR: CORROSIVE CARC: CARCINOGENIC, TOX: TOXIC, N/A: NOT APPLICABLE, N/E: NOT ESTABLISHED, COC: CLEVELAND OPEN CUP, PMCC: PENSLEY-MARTIN CLOSED CUP, TCC: TAGLIAPIRE CLOSED CUP, LEL: LOWER EXPLOSION LIMIT, UEL: UPPER EXPLOSION LIMIT, NFPA: NATIONAL FIRE PROTECTION ASSOCIATION, IARC: INTERNATIONAL AGENCY FOR THE RESEARCH ON CANCER, NTP: NATIONAL TOXICOLOGY PROGRAM, OSHA: OCCUPATIONAL SAFETY & HEALTH ADMINISTRATION, ACGIH: AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS, TLV: THRESHOLD LIMIT VALUE, PEL: PERMISSIBLE EXPOSURE LIMIT, STEL: SHORT-TERM EXPOSURE LIMIT, MLD: MILD, MOD: MODERATE, SEV: SEVERE, MUT: MUTAGENIC, ASPHYX: ASPHYXIANT, PNOS: PARTICLES (INSOLUBLE) NOT OTHERWISE SPECIFIED, SDT: STANDARD DRAIZE TEST, ORL: ORAL, IHL: INHALATION, HMN: HUMAN

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