

MATERIAL SAFETY DATA SHEET: SPECIAL BILLING

Section I - General Information

(000001-000000- - NC33)
Date Issued: 5/15/2004 12:00:00 AM
Chemical Name & Synonyms: N/A
Chemical Family: RESINOID BONDED ALUMINUM OXIDE WHEEL
Manufacturer Name: CHEMSEARCH DIV. OF NCH CORP.
Manufacturer Address: BOX 152170 IRVING, TX 75015
Prepared By: a.santiago/Chemist

Supercedes: 9/15/2004 12:00:00 AM
Trade Name & Synonyms: SPECIAL BILLING
Formula is a mixture: [X]

Product Code Number: 0000
Emergency Phone Number: 800-424-9300

Section II - Hazardous Ingredients

THE HAZARDS PRESENTED BELOW ARE THOSE OF THE INDIVIDUAL COMPONENTS

Table with 6 columns: Chemical Name (Ingredients), Hazard, TLV, PEL, STEL, CAS #. Rows include ALUMINUM OXIDE, CURED PHENOL POLYMER, CRYOLITE, EPOXY RESIN, and COTTON CLOTH.

Section III - Physical Data

Boiling Point (°F): N/A
Vapor Pressure (mm Hg): N/A
Vapor Density (Air=1): N/A
pH @ 100% : N/A
% Volatile by Volume: 0
H2O Solubility: NEGLIGIBLE
Specific Gravity (H2O=1): N/A
Color:
Odor:
Clarity: OPAQUE
Evaporation Rate (BuAc=1): 0
Viscosity: SOLID

Section IV - Fire and Explosion Hazard

Flash Point: N/A
Flammable Limits:
LEL: N/A

Method Used: N/A
UEL: N/A

Aerosol Level (NFPA 30B): N/A

Extinguishing Media:
[] Foam [] Alcohol Foam [] CO2
[] Dry Chemical [] Water Spray [] Other

NFPA 704 Hazard Rating:
4-Extreme Health: 2
3-High Flammability: 0
2-Moderate Instability: 0
1-Slight
0-Insignificant Special:

Special Fire Fighting Procedures:

FIREFIGHTERS SHOULD WEAR A SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE GEAR. EXTINGUISHING MEDIA SHOULD BE CHOSEN BASED ON THE NATURE OF THE SURROUNDING FIRE.

Unusual Fire and Explosion Hazards:

WILL NOT BURN UNDER ORDINARY USE.

Section V - Health and 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: 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 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.

Primary Routes of Entry

[X] Inhalation [] Ingestion [] Absorption

Emergency First Aid Procedures:

Inhalation:

IF INHALED, REMOVE FROM THE AREA TO FRESH AIR. HAVE THE PERSON BLOW THEIR NOSE TO REMOVE THE SUBSTANCE FROM THE NASAL PASSAGES AND KEEP FROM INHALING. APPLY ARTIFICIAL RESPIRATION AS NEEDED. SEEK MEDICAL ATTENTION AS NEEDED.

Eye Contact:

RINSE THE EYES WITH PLENTY 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.

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ingestion:

GIVE 3 TO 4 GLASSES OF WATER, BUT DO NOT INDUCE VOMITING. IF VOMITING OCCURS, GIVE FLUIDS AGAIN. GET MEDICAL ATTENTION. DO NOT GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS OR CONVULSING PERSON.

Notes to Physician:

Section VI - Toxicity Information

Product Contains Chemicals Listed as Carcinogen or Potential Carcinogen By:

[X] IARC [] NTP [] OSHA [] ACGIH [] Other

ALUMINUM OXIDE
TL-RBT TCLO: 200 MG/M3/5H/28W-I 3.
LD50, ROUT, SPECIES - NOT AVAILABLE 3.
LD50, ROUT, SPECIES - NOT AVAILABLE 3.
TLV-NOT CLASSIFIABLE AS A HUMAN CARCINOGEN 3.

RED PHENOL POLYMER
LD50, ROUT, SPECIES - NOT AVAILABLE 3.
LD50, ROUT, SPECIES - NOT AVAILABLE 3.
LD50, ROUT, SPECIES - NOT AVAILABLE 3.

ZINC OXIDE
LD50, ROUT, SPECIES - NOT AVAILABLE 3.
LD50, ROUT, SPECIES - NOT AVAILABLE 3.
TLV-NOT CLASSIFIABLE AS A HUMAN CARCINOGEN 3.

SENSITIZATION TO PRODUCT: N/A
REPRODUCTIVE TOXICITY: N/A
MUTAGENICITY: N/A
CANCINOGENICITY: N/A
TYPE OF TOXICOLOGICALLY SYNERGISTIC PRODUCT: N/A

Section VII - Reactivity Data

Stability: [X] Stable [] Unstable
Hazardous Polymerization: [X] Will not occur [] May occur
Conditions to Avoid: NONE KNOWN

Incompatibility (Materials to Avoid):
AVOID AND AVOID ACIDS OF ALL TYPES ESPECIALLY WITH PH < 4.0

Hazardous Decomposition Products:
USE, DUST AND DECOMPOSING ODORS MAY BE GENERATED. IN MOST CASES, THE MATERIALS REMOVED FROM THE WORK PIECE WILL BE SIGNIFICANTLY GREATER THAN THE ORIGINAL COMPONENT.

Section VIII - Spill Or Leak Procedures

Steps to be Taken if Material is Released or Spilled:
SPILLED, SWEEP AND PLACE RECOVERED MATERIAL IN A PROPER CONTAINER FOR DISPOSAL. MINIMIZE GENERATION OF DUST.

Safe Disposal Method(s):
DISPOSE OF IN ACCORDANCE WITH ALL FEDERAL, STATE, AND LOCAL 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 EXHAUST 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).

Eye Protection:
SAFETY GOGGLES PREFERRED

Face Protection:
SAFETY GOGGLES OR FULL FACE SHIELD SHOULD BE WORN, OSHA 29 CFR 1910.133. DO NOT WEAR CONTACT LENSES.

Hearing Protection:
HEARING PROTECTION MAY BE REQUIRED FOR CUTTING OPERATIONS. AS NEEDED HEARING PROTECTION. OSHA 29 CFR 1910.135 (HEARING PROTECTION)

Section X - Storage and Handling Information

Storage Temperature: Max: N/A Min: N/A
Storage Conditions: [X] Indoors [] Outdoors [] 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. STORE IN ACCORDANCE WITH ANSI B7.1.

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Other Precautions:

KEEP OUT OF REACH OF CHILDREN. READ THE ENTIRE LABEL BEFORE USING THE PRODUCT. FOLLOW THE LABEL DIRECTIONS. COMPLY WITH RPM RATING ON EACH PRODUCT.

Section XI - Regulatory Information

Chemical Name	CAS Number	Upper % Limit

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 4 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, 2005.
2. OSHA PEL.
3. REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES, CCINFOWeb, 2005.
4. SAX'S DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS, TENTH EDITION RICHARD J. LEWIS, SR.

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.

THIS PRODUCT HAS BEEN CLASSIFIED WITH THE HAZARD CRITERIA OF THE CPR AND THE MSDS CONTAINS ALL THE INFORMATION REQUIRED BY THE CPR.

SPECIAL SHIPPING INFORMATION: NOT REGULATED

IRR:IRRITANT, FLAM/FLAMM:FLAMMABLE, COMB:COMBUSTIBLE, CORR:CORROSIVE CARC:CARCINOGENIC, TOX:TOXIC, N/A:NOT APPLICABLE, NOT EST.:NOT ESTABLISHED, COC:CLEVELAND OPEN CUP, PHCC:PENSKY-MARTIN CLOSED CUP, TCC:TAGLIABUE 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:MTAGENIC, ASPHYX:ASPHYXIAN, PNO:PARTICLES (INSOLUBLE) NOT OTHERWISE SPECIFIED, SDT:STANDARD DRAIZE TEST, ORL:ORAL, IHL:INHALATION, HMN:HUMAN

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