

SECTION 5 FIRE FIGHTING INSTRUCTIONS

FLASH POINT : NORMALLY STABLE, NOT COMBUSTIBLE NOR FLAMMABLE
FLAMMABLE LIMITS : NORMALLY STABLE, NOT COMBUSTIBLE NOR FLAMMABLE
TYPES OF EXTINGUISHERS : WATER, DRY CHEMICAL, CO2, FOAM
FIREFIGHTING DIRECTIONS: WEAR SELF-CONTAINED BREATHING APPARATUS TO PROTECT AGAINST POSSIBLY TOXIC FUMES. WEAR FULL FIRE-PROTECTIVE CLOTHING. AVOID DUSTING. DUST CAN FORM EXPLOSIVE MIXTURES WITH AIR.

SECTION 6 ACCIDENTAL SPILL OR RELEASE INSTRUCTIONS

WEAR A NIOSH APPROVED DUST RESPIRATOR, WITH ALL PROTECTIVE CLOTHING AND EQUIPMENT AS APPROPRIATE FOR SPILL CONDITION.

CONTAIN AND CLEAN UP SPILL IMMEDIATELY. SWEEP POWDERS CAREFULLY, USING AN ABSORBENT (SWEEPING COMPOUND) TO KEEP DOWN THE DUST IN THE AREA. SCOOP MATERIAL & ABSORBENT INTO DISPOSAL DRUM, AND SEAL.

ENVIRONMENTAL PROTECTION: PREVENT FROM ENTERING FLOOR DRAINS OR SEWERS. DO NOT RELEASE TO SEWER WITHOUT PROPER GOVERNMENT PERMISSION AT ALL LEVELS.

SECTION 7 HANDLING AND STORAGE

PROTECT PRODUCT FROM MOISTURE, STORE IN COOL, DRY PLACE UNDER LOW RELATIVE HUMIDITY, AWAY FROM EXCESSIVE HEAT. STORE IN ORIGINAL OR EQUIVALENT WATER-PROOF CONTAINERS. RESEAL CONTAINERS TIGHTLY AFTER EACH USE. AVOID HUMID OR WET CONDITIONS.

SECTION 8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

NOTE: WHEN SELECTING PERSONAL PROTECTIVE EQUIPMENT AND CLOTHING, TAKE INTO CONSIDERATION ALL CONDITIONS AND ALL CHEMICALS TO BE HANDLED OR PROCESSED.

EYE PROTECTION: WEAR SPLASH-PROOF CHEMICAL SAFETY GOGGLES OR FULL FACE SHIELD. CONTACT LENSES SHOULD NOT BE WORN WHEN WORKING WITH CHEMICALS.

SKIN PROTECTION: WEAR CHEMICALLY IMPERVIOUS GLOVES, COVERALLS AND OTHER PROTECTIVE CLOTHING TO MINIMIZE SKIN CONTACT. AS PRECAUTIONS, WASH HANDS & FACE WITH MILD SOAP & WATER BEFORE EATING, DRINKING, SMOKING, OR USING RESTROOM. AFTER EACH SHIFT, CLEAN ALL PROTECTIVE EQUIPMENT, WASH WORK CLOTHES AND SHOWER.

LUNG, THROAT & NASAL PROTECTION: WEAR NIOSH APPROVED DUST RESPIRATOR FOR YOUR PARTICULAR OPERATION AND MATERIALS BEING HANDLED.

HYGIENIC PRACTICES: ALWAYS PRACTICE GOOD INDUSTRIAL HYGIENE, HANDLE WITH CARE, AVOID PERSONAL CONTACT. DO NOT GET INTO EYES OR ON SKIN, DO NOT BREATHE DUST OF PRODUCT, DO NOT SWALLOW. WASH HANDS WITH SOAP AND WATER, AND RINSE WELL AFTER HANDLING PRODUCT. SHOWER AFTER EACH SHIFT. WASH ALL WORK CLOTHING AND COMPLETELY CLEAN ALL PROTECTIVE EQUIPMENT AFTER EACH SHIFT.

OTHER PROTECTION: EYE WASH FOUNTAINS & DRENCH SHOWERS SHOULD BE LOCATED WITHIN 100 FEET OR A 10 SECOND WALK OF THE WORK AREA PER ANSI Z358.1-1990

VENTILATION: LOCAL EXHAUST IS RECOMMENDED, MECHANICAL EXHAUST IS ACCEPTABLE

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

DESCRIPTION : BLUE POWDER; SLIGHT ODOR
MELTING POINT : NE
WATER SOLUBILITY : SOLUBLE
PH : NE
BULK DENSITY : NE

SECTION 10 STABILITY AND REACTIVITY

STABILITY : STABLE
CONDITIONS TO AVOID : CONTACT WITH STRONG ACIDS
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR
INCOMPATIBLE MATERIALS : OXIDIZING & REDUCING AGENTS MAY DESTROY COLOR
HAZARDOUS DECOMPOSITION PRODUCTS: BURNING CAN PRODUCE CO, CO2, OXIDES OF NITROGEN AND OTHER POTENTIALLY TOXIC FUMES. MAY EVOLVE CHLORINE GAS WHEN IN CONTACT WITH STRONG ACIDS.

SECTION 11 TOXICOLOGY INFORMATION

ORAL LD50 (RAT): > 5000 MG/KG
DERMAL LD50 (RAT): NE
INHALATION LC50 (RAT): NE

EYE EFFECTS (RABBIT): SLIGHTLY IRRITATING
SKIN EFFECTS (RABBIT): NOT IRRITATING
BREATHING EFFECTS: NE. TAKE PRECAUTIONS.

MUTAGENICITY: NK

SECTION 12 ECOLOGICAL DATA

BOD 5: NE
COD: NE
FISH TOXICITY: NE
SEED TOXICITY: NE
CWA TOXIC POLLUTANTS: NK
BIOLOGICAL ELIMINATION: NE

SECTION 13 DISPOSAL CONSIDERATIONS/ENVIRONMENTAL PROTECTION PROCEDURES

DISPOSAL METHODS:

RECYCLE OR REWORK MATERIAL IF AT ALL POSSIBLE; INCINERATE MATERIAL AT AN APPROVED FACILITY; TREAT AT AN ACCEPTABLE WASTE TREATMENT FACILITY, OR MUNICIPAL WASTE TREATMENT PLANT AFTER PROPER TESTING & APPROVAL OF WASTE SAMPLES, IN COMPLIANCE WITH ALL APPLICABLE FEDERAL, STATE & LOCAL ENVIRONMENTAL REGULATIONS.

DO NOT RELEASE ANY CHEMICALS, DYES OR DYE SOLUTIONS INTO ANY WATERWAYS OR SYSTEMS WITHOUT PROPER GOVERNMENT PERMISSION FROM ALL LEVELS.

CONTAINER REUSE: AN "EMPTY" CONTAINER CAN CONTAIN PRODUCT RESIDUE, AND SHOULD NOT BE REUSED. IF NOT PROFESSIONALLY CLEANED & RECONDITIONED, CRUSHING OR OTHER MEANS IS RECOMMENDED TO PREVENT UNAUTHORIZED REUSE.

SECTION 14 TRANSPORT INFORMATION

DOT STATUS (GROUND AND RAIL): NR
IATA STATUS (AIR): NR

SECTION 15 REGULATORY INFORMATION

AICS (AUSTRALIA): COMPONENTS LISTED
CAL. PROP. 65: CONTAINS THE FOLLOWING SUBSTANCES THAT ARE KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER OR REPRODUCTIVE TOXICITY: CADMIUM, CHROMIUM*, LEAD AND MERCURY. THE TOTAL SUM DOES NOT EXCEED 100 PPM.
*HEXAVALENT CHROMIUM IS A LISTED SUBSTANCE. MINUTE TRACES MAY BE PRESENT IN THE TOTAL CHROMIUM.
CERCLA: NH
CLEAN AIR ACT:
TITLE III-HAP'S: NA
TITLE V-VOC'S: NA
TITLE VI-ODC'S: NOT MANUFACTURED WITH NOR CONTAINING CLASS I OR II ODC'S
CONEG-TYPICAL METALS PRESENT IN PPM:
THE SUM TOTAL OF CADMIUM, CHROMIUM, LEAD AND MERCURY DOES NOT EXCEED 100 PPM
DSL (CANADA): COMPONENTS LISTED
ECL (KOREA): COMPONENTS LISTED
EINECS (EUROPE): COMPONENTS LISTED
ENCS (JAPAN): COMPONENTS LISTED
FDA STATUS: NL
OTHER TYPICAL DATA IN PPM: NK
PICCS (PHILIPPINES): COMPONENTS LISTED
RCRA: NOT HAZARDOUS IN IT'S PURCHASED FORM. HOWEVER, UNDER RCRA, IT IS THE PRODUCT USER'S RESPONSIBILITY TO DETERMINE AT TIME OF DISPOSAL IF ANY MATERIAL CONTAINING THE PRODUCT OR DERIVED FROM THE PRODUCT IS A HAZARDOUS WASTE.
SARA 311/312: IMMEDIATE/ACUTE HEALTH HAZARD : YES
DELAYED/CHRONIC HEALTH HAZARD : NO
FIRE HAZARD : NO
SUDDEN RELEASE OF PRESSURE HAZARD: NO

SARA 313: NR REACTIVITY HAZARD
TSCA: COMPONENTS LISTED : NO
USDA: NL
WHMIS: D-2-B

SECTION 16 OTHER INFORMATION

REASON FOR REVISION 09-22-04: UPDATE TO CURRENT COMPONENT DATA
BOM-LKB

ACRONYM LIST

NA = NOT APPLICABLE TO THIS MATERIAL
NC = NOT CERTAIN, UNDETERMINED
ND = NO DATA IS CURRENTLY AVAILABLE
NE = NOT ESTABLISHED, NO TESTING IS PLANNED
NH = NOT HAZARDOUS UNDER CITED REGULATIONS
NK = NONE KNOWN
NL = NOT LISTED OR APPROVED UNDER THESE REGULATIONS
NR = NOT REGULATED OR REPORTABLE

NIOSH = NATIONAL INSTITUTE FOR OCCUPATIONAL SAFETY AND HEALTH

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