

XUPER 185 XFC

MSDS Number

BHBCB

National Stock Number

3439-01-012-1756

Product Name

XUPER 185 XFC

Manufacturer

EUTECTIC CORP

Product Identification

Product ID:XUPER 185 XFC

MSDS Date:03/15/1993

FSC:3439

NIIN:01-012-1756

MSDS Number: BHBCB

Responsible Party

EUTECTIC CORPORATION

40-40 172ND STREET

FLUSHING , NY 11358-2799

US

Emergency Phone: 718-358-4000

Info Phone: 718-358-4000

Cage: EO060

Contractor

EUTECTIC CORPORATION

CHARLOTTE, NC 28273

US

704-527-9800/ 800-221-1433

Cage: EO060

Ingredients

COPPER (DUST & MIST), BRONZE POWDER

CAS: 7440-50-8

RTECS: GL5325000

Fraction By Weight: 40-50%

OSHA PEL0.1 MG(CU)/M3 (FUME)

ACGIH TLV: 0.2 MG/M3 (FUME)

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

ZINC

CAS: 7440-66-6

RTECS: ZG8600000

Fraction By Weight: 30-40%

ACGIH TLV: 10 MG/CUM

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

NICKEL (SOLUBLE) (SUSPECTED HUMAN CARCINOGEN BY NTP, IARC,

CAS: 7440-02-0

RTECS: QR5950000

Fraction By Weight: 10-15%

OSHA PEL1 MG/CUM

ACGIH TLV: 0.05 MG/CUM IC

BORIC ACID, ORTHOBORIC ACID

CAS: 10043-35-3

RTECS: ED4550000

SODIUM TETRABORATE DECAHYDRATE, SODIUM BORATE, BORAX,

CAS: 1303-96-4

RTECS: VZ2275000

ACGIH TLV: 5 MG/CUM

Hazards

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO

Health Hazards Acute and Chronic:INHALATION: NOSE & THROAT IRRITATION, DIZZINESS, NAUSEA, DRYNESS, LUNG & OTHER ORGAN DAMAGE, METAL FUME FEVER. EYES/SKIN: INJURY & BURNS, POSSIBLE CHEMICAL BURNS.

INGESTION: HARMFUL.

Explanation of Carcinogenicity:SEE INGREDIENTS

Effects of Overexposure:INHALATION: BRONCHIAL ASTHMA, LUNG FIBROSIS, PNEUMOCONIOSIS (IRON DEPOSITS IN LUNG).

First Aid

First Aid:INHALATION: REMOVE TO FRESH AIR. SKIN: WASH W/SOAP & WATER TO REMOVE ALL RESIDUE. EYES: FLUSH THOROUGHLY W/WATER FOR AT LEAST 15 MINS TO REMOVE ALL RESIDUE. INGESTION: CALL PHYSICIAN OR POISON CONTROL CENTER. OBTAIN MEDICAL ATTENTION IN ALL CASES.

Fire Fighting

Flash Point:NONFLAMMABLE

Extinguishing Media:CO2, DRY CHEMICAL FOAM TYPE

Fire Fighting Procedures:WEAR APPROVED SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:WELDING ARC & SPARKS & BRAZING FLAMES CAN IGNITE COMBUSTIBLES & FLAMMABLES. CANS UNDER PRESSURE & FLAMMABLES MAY EXPLODE.

Handling

Handling and Storage Precautions:FUMES, GASES & DUST GIVEN OFF DURING HEATING, WELDING, BRAZING, SOLDERING, CUTTING OR THERMAL SPRAY PROCESSES CANNOT BE CLASSIFIED SIMPLY.

Other Precautions:ELECTRICAL SHOCK CAN KILL. TRAIN WELDER TO KEEP HIS/HER FACE AWAY FROM THE FUME/DUST PLUME. TRAIN WORKERS NOT TO TOUCH LIVE ELECTRICAL PARTS & TO INSULATE THEMSELVES FROM WORK & ELECTRICAL GROUND.

Exposure Controls

Respiratory Protection:USE NIOSH APPROVED RESPIRATOR

Ventilation:USE ENOUGH GENERAL & LOCAL EXHAUST AT WORK SITE TO KEEP ALL FUMES & DUST FROM WORKER'S BREATHING ZONE

Protective Gloves:WELDER'S

Eye Protection:HELMET OR FACE SHIELD W/FILTER LENS

Other Protective Equipment:ARM PROTECTORS, APRONS, HATS, SHOULDER PROTECTION. PROVIDE PROTECTIVE SCREENS/FLASH GOGGLES.

Supplemental Safety and Health

COMPOSITON & QUANTITY OF FUMES/GASES ARE DEPENDENT UPON METAL BEING WELDED/PROCESS/PROCEDURES/ELECTRODES OR OTHER CONSUMABLES USED.

OTHER INFLUENCES: COATINGS ON WORKPIECE, NUMBER OF WORKERS & VOLUME OF WORK SPACE, QUALITY/AMOUNT OF VENTILATION, POSITION OF WELDERS HEAD TO FUME PLUME & CONTAMINANTS IN ATMOSPHERE.

Stability

Stability Indicator/Materials to Avoid:YES

Stability Condition to Avoid:SPARKS & FLAMES

Hazardous Decomposition Products:FLUORIDE COMPOUNDS, METAL OXIDES, CO, CO₂, SILICA, OZONE, NITROGEN OXIDES, & INERT GASES

Disposal

Waste Disposal Methods:DISPOSE OF WASTE MATERIAL, POWDERS, GRINDING OR FILTER IN ENVIRONMENTALLY SENSITIVE MANNER IN ACCORDANCE W/FEDERAL, STATE, & LOCAL REGULATIONS.

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