

EUTECTIC CORP -- BEAUTYWELD, ARC -- 3439-00-127-2613

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Product Identification  
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Product ID:BEAUTYWELD, ARC

MSDS Date:03/31/1993

FSC:3439

NIIN:00-127-2613

MSDS Number: CDWZM

=== Responsible Party ===

Company Name:EUTECTIC CORP

Address:40-40 172ND ST

City:FLUSHING

State:NY

ZIP:11358-2799

Country:US

Info Phone Num:718-358-4000

Emergency Phone Num:718-358-4000

CAGE:72271

=== Contractor Identi

fication ===

Company Name:EUTECTIC CORP

Address:9625-J SOUTHERN PINE BLVD

Box:City:CHARLOTTE

State:NC

ZIP:28273

Country:US

Phone:704-527-9800/ 800-221-1433

CAGE:72271

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Composition/Information on Ingredients  
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Ingred Name:POTASSIUM HYDROXIDE (CERCLA)

CAS:1310-58-3

RTECS #:TT2100000

OSHA PEL:2 MG/M3, C

ACGIH TLV:2 MG/M3, C

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:POTASSIUM SILICATE

CAS:1312-76-1

OSHA PEL:N/K

ACGIH TLV:N/K

Ingred Name:CLAY (KAOLIN); (KA

OLIN) (CONTAINING ING 4)  
CAS:1332-58-7  
RTECS #:GF1670500  
OSHA PEL:15 MG/M3 TDUST  
ACGIH TLV:2 MG/M3 TDUST

Ingred Name:SILICA, CRYSTALLINE - FUSED; (CRYSTALLINE SILICA)  
CAS:60676-86-0  
RTECS #:VV7328000  
Fraction by Wt: TRACE  
OSHA PEL:SEE TABLE Z-3  
ACGIH TLV:0.1 MG/M3 RDUST

Ingred Name:TITANIUM OXIDE; (TITANIUM DIOXIDE)  
CAS:13463-67-7  
RTECS #:XR2275000  
OSHA PEL:15 MG/M3 TDUST  
ACGIH TLV:10 MG/M3 TDUST

Ingred Name:FELDSPAR  
CAS:68476-25-5  
OSHA PEL:15 MG/M3 (MFR)  
ACGIH TLV:10 MG/M3 (MFR)

Ingred Name  
:IRON  
CAS:7439-89-6  
RTECS #:NO4565500  
OSHA PEL:15 MG/M3 (MFR)  
ACGIH TLV:10 MG/M3 (MFR)

Ingred Name:MANGANESE (SARA 313)  
CAS:7439-96-5  
RTECS #:OO9275000  
Fraction by Wt: 1-5%  
OSHA PEL:5 MG/M3 DUST, C  
ACGIH TLV:5 MG/M3 DUST

Ingred Name:CELLULOSE  
CAS:9004-34-6  
RTECS #:FJ5691460  
OSHA PEL:15 MG/M3 TDUST  
ACGIH TLV:10 MG/M3

Ingred Name:SUPDAT:SIMPLY. DECOMP PRODS OF NORMAL OPERATION INCL THOSE  
ORIGINATING FROM VOLATILIZATION, RXN/OXIDATION OF (ING 11)  
RTECS #:9999999ZZ

Ingred Name:ING 10:INGS, P

LUS THOSE OF BASE METAL & COATING, ETC, AS  
NOTED. COMPLEX OXIDES OF METALS LISTED; FLUORIDE CMPDS,(ING 12)  
RTECS #:9999999ZZ

Ingr Name:ING 11:METAL OXIDES, CARBON & SILICA; OZONE, CARBON  
MONOXIDE, CARBON DIOXIDE, NITROGEN OXIDES & CERTAIN INERT (ING 13)  
RTECS #:9999999ZZ

Ingr Name:ING 12:GASES. ONE REC WAY TO DETERM COMPOSITION & QTY OF  
FUMES & GASES TO WHICH WORKERS ARE EXPOS IS TO TAKE AN (ING 14)  
RTECS #:9999999ZZ

Ingr Name:ING 13:AIR SAMPLE INSIDE WORKER'S HELMET IF WORN  
/IN  
WELDER'S BRTHG ZONE. FOR MORE SPECIFIC INFO CONTACT NEHC .  
RTECS #:9999999ZZ

Ingr Name:EXPLO HAZ:PROCESSES. CANS, UNDER PRESSURE, & FLAMMABLES MAY  
EXPLODE.  
RTECS #:9999999ZZ

Ingr Name:EFTS OF OVEREXP:SICKNESS; CHILLS, FEVER, HEAD & MUSCLE  
ACHE, TIGHTNESS OF CHEST, DRYNESS OF NOSE & MOUTH, (ING 17)  
RTECS #:9999999ZZ

Ingr Name:ING 16:MUSCULAR PAIN, NAUS & VOMIT. DUST:SKIN DRYING & MECH  
IRRIT. EYE IRRIT. INHAL:MILD PULM IRRIT, FIBROSIS OF(ING 18)  
RTECS #:9999999ZZ

Ingr  
ed Name:ING 17:LUNGS. IRON & IRON CMPDS:GEN IRRIT OF RESP TRACT;  
SIDEROSIS. KAOLIN:CLASSIFIED AS NUISANCE DUST BY ACGIH.(ING 19)  
RTECS #:9999999ZZ

Ingr Name:ING 18:MANGANESE:MAY CAUSE METAL FUME FEVER CHARACT BY  
CHILLS, FEVER, UPSET STOM, VOMIT, IRRIT OF THROAT & (ING 20)  
RTECS #:9999999ZZ

Ingr Name:ING 19:ACHING OF BODY. MAY AFFECT CNS; MUSCULAR WEAK &  
TREMORS. BEHAVIORAL CHANGES & CHANGES IN HANDWRITING. (ING 21)  
RTECS #:9999999ZZ

Ingr Name:ING 20:WORKERS EXPOS TO MANGANES

E CMPDS SHOULD RECEIVE

QUARTERLY MED EXAMS FOR EARLY DETECTION OF MANGANESE POISONING.

RTECS #:9999999ZZ

===== Hazards Identification =====

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

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

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

Health Hazards Acute and Chronic:INHAL:FUMES ASSOC W/HEATING, WELDING,  
BRAZING, SOLDERING/CUTTING METALS CAN BE DANGEROUS TO YOUR HLTH &  
OVEREXP CAN CAU

SE LUNG DMG &/OR OTHER ORG DMG. USE ADEQ VENT TO

KEEP BELOW EXPOS LIMS. KEEP FUME S & GASES FROM BRTHG ZONE - KEEP  
WELDER'S HEAD OUT OF FUMES. EYE/SKIN CONT:ARC RAYS & ULTRAVIOLET  
LIGHT(EFTS OF OVEREXP)

Explanation of Carcinogenicity:NOT RELEVANT

Effects of Overexposure:HLTH HAZ:CAN INJURE EYES & BURN SKIN. ELEC

SHOCK CAN KILL. INGEST:DANGER! MAY BE HARMFUL/FATAL IF SWALLOWED.

FUMES:FUMES, GASES & DUSTS CAN BE DANGEROUS TO YOUR HLTH. LUNG DMG,  
DIZZ, NAUS OR DRYNESS/I RRIT

OF NOSE, THROAT/EYES, BRONCH ASTHMA,

LUNG FIBROSIS, PNEUMOCONIOSIS/SIDEROSIS. METAL FUME FEVER:FLU-TYPE  
(ING 16)

Medical Cond Aggravated by Exposure:AGGRAVATION OF PREEXISTING

RESPIRATORY OR ALLERGIC CONDITIONS MAY OCCUR IN SOME WELDER'S.

===== First Aid Measures =====

First Aid:INHAL:MOVE VICTIM TO FRESH AIR SOURCE. CONTACT MD & ADVISE ON  
INGREDIENTS. SKIN:THOROUGHLY WASH HANDS OR EFFECTED AREAS W/SOAP &  
WATER TO REMOVE ALL RESIDUE. I

F RASH OR BURN DEVELOPS, CONSULT MD.

EYES :THOROUGHLY FLUSH W/WATER FOR AT LEAST 15 MINUTES TO REMOVE  
ALL RESIDUE. ADVISE MD OF INGREDIENTS. INGEST:CALL MD &/OR LOCAL  
POISON CONTROL CENTER. ADVISE OF INGREDIENTS.

===== Fire Fighting Measures =====

Extinguishing Media:CO\*2, DRY CHEMICAL FOAM TYPE.

Fire Fighting Procedures:USE NIOSH APPROVED SCBA & FULL PROTECTIVE  
EQUIPMENT .

Unusual Fire/Explosion Hazard:GENERALLY NONFLAMM; WELDING ARC, SPKS &

FLAMES CAN IGNITE COMBUSTS & FLAMMS. REFER TO ANSI Z49.1 FOR FIRE PREVENTION DURING USE OF WELDING & ALLIED (ING 15)

===== Accidental Release Measures =====

Spill Release Procedures:NONE SPECIFIED BY MANUFACTURER.  
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

===== Handling and Storage =====

Handling and Storage Precautions:TRAIN WELDER TO KEEP HIS/HER FACE AWAY FROM FUME/DUST PLUME & NOT TO TOUCH LIVE ELEC PARTS & TO INSULATE THEMSELVES FROM WORK & ELEC GROUND.

Other Precautions:PLEASE READ & UNDERSTAND PRODUCT LABEL INFO FOR PROPER PROCS & USE. SEE ANSI Z49.1, "SAFETY IN WELDING & CUTTING" & CHAPTER 11 OF "THERMAL" SPRAYING, PUBLISHED BY THE AWS & OSHA PUBLICATION 2206 (29 C FR 1910) FOR MORE DETAILS.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:IF THE WORK STATION IS NOT PROPERLY VENTILATED TO EXHAUST ALL FUMES, VAPORS & DUSTS BELOW THE RECOMMENDED EXPOSURE LIMITS, USE A NIOSH APPROVED RESPIRATOR.

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

Protective Gloves:WELDER'S GLOVES.

Eye Protection:ANSI APPRVD CHEM WORKERS GOGGS &(SUPDAT)

Other Protective Equipment:ANSI APPRVD EYE WASH FOUNTAIN & DELUGE SHOWER. HAND, HEAD & BODY PROT; ARM PROTECTORS, APRONS, HATS & DARK(SUPDAT)

Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

OTHER PROT EQUIP:PROT CLTHG. EYE PROT:FULL LGTH FCSHLD, W/APPROP FILTER LENS. PROT SCREENS & FLASH GOGGS IF NEC, TO SHIELD OTHERS. AS A RULE, START W/SHADE THAT IS TOO DARK TO SEE WELD ZONE, THEN GO TO NEXT LIGHTER SHADE WHICH GIVES SUFFICIENT VIEW OF WELD ZONE. HAZ DECOMP PROD:CANNOT BE CLASSIFIED (ING 10)

===== Physical/Chemical Properties =====

Appearance and Odor:NONE SPECIFIED BY MANUFACTURER.

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Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid: YES

NONE SPECIFIED BY MANUFACTURER.

Stability Condition to Avoid: NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products: FUMES, GASES & DUSTS GIVEN OFF DURING HEATING, WELDING, BRAZING, SOLDERING, CUTTING/THERMAL SPRAY PROCESSES (SUPP DATA)

===== Disposal Considerations =====

Waste Disposal Methods: DISPOSE OF WASTE MATL, POWDERS, GRINDING OR FILTER RESID

UES IN ENVIRONMENTALLY SENSITIVE MANNER I/A/W FED, STATE & LOCAL REGS. USE APPROP MEASURES TO KEEP AIRBORNE DUST LEVELS CNTND I/A/W EXPOS LEVELS OF INGS. SEE SAFE HANDLING & STORAGE SECTION.

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