

EUTECTIC CORP -- THERMAL SPRAY POWDER -- 3439-00-281-1365

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Product Identification
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Product ID:THERMAL SPRAY POWDER
MSDS Date:05/01/1986
FSC:3439
NIIN:00-281-1365
MSDS Number: BQCRH
=== Responsible Party ===
Company Name:EUTECTIC CORP
Address:40-40 172ND STREET
City:FLUSHING
State:NY
ZIP:11358-9981
Country:US
Info Phone Num:718-358-4000 FAX: 718-445-1784
Emergency Phone Num:718-358-4000

CAGE:72271
=== Contractor Identification ===
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:NICKEL (SARA III)
CAS:7440-02-0
RTECS #:QR5950000
Other REC Limits:NONE RECOMMENDED
OSHA PEL:1 MG/M3
ACGIH TLV:1 MG/M3; 9293

Ingred Name:CHROMIUM (SARA III)
CAS:7440-47-3
RTECS #:GB4200000
Other REC Limits:NONE REC

RECOMMENDED
OSHA PEL:1 MG/M3
ACGIH TLV:0.5 MG/M3; 9293
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

Ingredient Name:IRON
CAS:7439-89-6
RTECS #:NO4565500
Other REC Limits:NONE RECOMMENDED
OSHA PEL:5 MG/M3
ACGIH TLV:10 MG/M3 AS FE2O3

Ingredient Name:ALUMINUM (SARA III)
CAS:7429-90-5
RTECS #:BD0330000
Other REC Limits:NONE RECOMMENDED
OSHA PEL:15MG/M3 DUST/5 FUME
ACGIH TLV:10MG/M3 DUST; 9293

Ingredient Name:HEXAMINE
CAS:100-97-0
RTECS #:MN4725000
Other REC Limits:NONE RECOMMENDED

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Hazards Identification
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LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO
Health Hazards Acute and Chronic:THERMAL SPRAYING MAY CREATE ONE OR MORE HEALTH HAZARDS. FUMES, GASES AND DUSTS CAN BE DANGEROUS TO YOUR HEALTH. SHORT TERM (ACUTE) OVEREXPOSURE MAY RESULT IN DISCOMFORT SUCH AS DIZZINESS, NAUSEA, OR DRYNESS OR IRRITATION TO NOSE, THROAT OR EYES. RADIATION CAN INJURE EYES AND BURN SKIN.
Explanation of Carcinogenicity:NICKEL AND CHROMIUM AND THEIR COMPOUNDS AND OXIDES ARE CONSIDERED BY IARC AND NTP AS KNOWN OR PROBABLE CARCINOGENS.
Effects of Overexposure:LONG TERM (CHRONIC) OVEREXPOSURE TO FUMES, GASES AND DUST MAY LEAD TO SIDEROSIS (IRON DEPOSITS IN LUNGS) AND MAY AFFECT PULMONARY FUNCTIONS. RADIATION CAN INJURE EYES AND BURN SKIN.
Medical Condition Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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First Aid Measures =====

First Aid: REMOVE TO WELL-VENTILATED AREA. CALL FOR MEDICAL AID. EMPLOY FIRST-AID TECHNIQUES RECOMMENDED BY THE AMERICAN RED CROSS. FUMES AND GASES CANNOT BE CLASSIFIED SIMPLY. THE COMPOSITION AND QUANTITY OF BOTH ARE DEPENDENT UPON THE MATERIAL BEING DEPOSITED. OTHER CONDITIONS INFLUENCE THE COMPOSITION AND QUANTITY OF THE FUMES AND GASES.

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

Flash Point: NONFLAMMABLE

Extinguishing Media: NONE SPECIFIED BY MANUFACTURER. THIS PRODUCT IS NON-FLAMMABLE UNDER NORMAL WORKING CONDITIONS.

Fire Fighting Procedures: WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard: METAL POWDER DUST MAY PRESENT A FIRE OR EXPLOSION HAZARD UNDER FAVORABLE CONDITIONS OF PARTICLE SIZE, DISPERSION AND STRONG IGNITION SOURCE.

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

Spill Release Procedures: CLEAN-UP BY VACUUMING, WET DUSTMOP, OR WET CLEAN-UP. AVOID DUST GENERATION. USE APPROPRIATE FILTER WITH VACUUM EQUIPMENT TO PREVENT AIRBORNE DUST LEVELS WHICH EXCEED THE PEL/TLV. IF AIRBORNE DUST IS GENERATED, USE PROPER NIOSH APPROVED RESPIRATOR.

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

Handling and Storage Precautions: NONE SPECIFIED BY MANUFACTURER.
Other Precautions: READ AND UNDERSTAND THE MANUFACTURE'S INSTRUCTIONS AND THE PRECAUTIONARY LABEL ON THE PRODUCT.

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

Respiratory Protection: USE A NIOSH APPROVED RESPIRABLE FUME RESPIRATOR OR AIR SUPPLIED RESPIRATOR WHEN WORKING IN CONFINED SPACE OR WHERE LOCAL EXHAUST OR VENTILATION DOES NOT KEEP EXPOSURE BELOW THE RECOMMENDED EXPOSURE LIMIT.

Ventilation: USE ENOUGH GENERAL VENTILATION AND LOCAL EXHAUST AT THE WORK SITE TO KEEP THE FUMES, GAS

ES AND DUSTS FROM THE WORKER.

Protective Gloves:WELDER GLOVES

Eye Protection:PROTECTIVE FACE SHIELD WITH FILTER LENS.

Other Protective Equipment:WEAR INDUSTRIAL WORK CLOTHING, APRON, HATS,
ARM PROTECTORS.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING AND BEFORE
EATING, DRINKING OR SMOKING. LAUNDER CONTAMINATED CLOTHING BEFORE
REUSE.

Supplemental Safety and Health
NONE

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

HCC:N1

Appearance and Odor:PACKAGED I
N A PLASTIC SQUEEZE BOTTLE.

===== 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:GASEOUS REACTION PRODUCTS MAY INCLUDE
CARBON MONOXIDE AND CARBON DIOXIDE. OZONE AND NITROGEN OXIDE MAY BE
FORMED.

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

Waste Disposal Methods:PREVENT WASTE FROM
CONTAMINATING SURROUNDING
ENVIRONMENT. DISCARD ANY PRODUCT, RESIDUE, DISPOSAL CONTAINER OR
LINER IN AN ENVIRONMENTALLY ACCEPTABLE MANNER, IN FULL COMPLIANCE
WITH FEDERAL, STATE AND LOCAL REGULATIONS.

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