

EG & G WAKEFIELD ENGINEERING -- WAKEFIELD 120 -- 6850-01-137-8525

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Product Identification
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Product ID:WAKEFIELD 120

MSDS Date:04/05/1995

FSC:6850

NIIN:01-137-8525

MSDS Number: BXYXN

=== Responsible Party ===

Company Name:EG & G WAKEFIELD ENGINEERING

Address:60 AUDUBON ROAD

City:WAKEFIELD

State:MA

ZIP:01880-1203

Country:US

Info Phone Num:617-245-5900

Emergency Phone Num:617-245-5900 FAX

617-246-0874

Preparer's Name:DAVID F.HEGARTY

CAGE:05820

=== Contractor Identification ===

Company Name:EG & G WAKEFIELD ENGINEERING

Address:80 AUDUBON RD

Box:City:WAKEFIELD

State:MA

ZIP:01880

Country:US

Phone:617 245 5900

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Phone:617-245-5900/FAX 617-246-0874

CAGE:92218

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Composition/Information on Ingredients
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Ingred Name:ZINC OXIDE

CAS:1314-13-2

RT

ECS #:ZH4810000
Fraction by Wt: 60-70%
Other REC Limits:NONE SPECIFIED
OSHA PEL:15MG/M3 TDUST/5 FUME
ACGIH TLV:10MG/M3 TDUST; 9293

Ingred Name:SILICON RESIN
CAS:63148-62-9
Fraction by Wt: 30-40%
Other REC Limits:NONE SPECIFIED

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

Routes of Entry: Inhalation:NO Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:CONTAINS MATERIALS IRRITATING TO THE EYES. MAY CAUSE SLIGHT SKIN IRRITATION. HEATING CAN GENERATE VAPORS THAT MAY CAUSE RESPIRATORY IRRITATION, NAUSEA AND HEADACHES. INHALATION HAZARD AT ROOM TEMPERATURE IS UNLIKELY, DUE TO THE LOW VOLATILITY OF THIS PRODUCT. HARMFUL IF SWALLOWED. NO KNOWN CHRONIC HEALTH EFFECTS.
Explanation of Carcinogenicity:THIS COMPOUND CONTAINS NO INGREDIENTS AT CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT CARCINOGENS.
Effects of Overexposure:EYE-BLURRED VISION, BURNING SENSATION AND TEARING. INHALATION-NAUSEA AND HEADACHES.
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:EYES: FLUSH THOROUGHLY WITH WATER FOR 15 MIN WHILE HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION. SKIN: FLUSH AREA WITH WATER, THEN WASH WITH SOAP & WATER. GET MEDICAL ATTENTION FOR IRRITATION. INHALATION: REMOVE TO FRESH AIR. GIVE OXYGEN IF BREATHING IS DIFFICULT. GET IMMEDIATE MEDICAL ATTENTION. INGESTION: DILUTE BY GIVING PLENTY OF WATER TO DRINK IF VICTIM IS CONSCIOUS. GET MEDICAL ATTENTION.

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

Flash Point:>300F,>149C
Extinguishing Media:USE CARBON DIOXIDE, DRY CHEMICAL, FOAM, WATER FOG.
Fire Fighting Procedures:FIRE FIGHTERS SHOULD WEAR POSITIVE PRESSURE SELF-CONTAINED BREATHING APPARATUS & FULL PROTECTIVE EQUIPMENT.
Unusual Fire/Explosion Hazard:DECOMPOSITION AND COMBUSTION PRODUCTS MAY BE TOXIC

XIC. CLOSED CONTAINERS MAY VIOLENTLY RUPTURE UNDER FIRE CONDITIONS.

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

Spill Release Procedures: VENTILATE AREA. WIPE UP OR ABSORB SPILLED MATERIAL WITH VERMICULITE. WASH AREA WITH SOAPY WATER; AREA WILL BE SLIPPERY UNTIL CLEANED. COLLECT ABSORBED MATERIAL AND WATER RINSES IN APPROPRIATE CONTAINERS. PREVENT RUNOFF OF LARGE SPILLS.
Neutralizing Agent: NOT APPLICABLE.

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

Handling and Storage Precautions: STORE COOL, DRY, LOCATION WITH ADEQUATE VENTILATION. KEEP CONTAINERS TIGHTLY CLOSED WHEN NOT IN USE. KEEP AWAY FROM HEAT AND OPEN FLAMES.
Other Precautions: CONSULT THE PRODUCT TECHNICAL BULLETIN FOR DETAILED STORAGE INFORMATION.

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

Respiratory Protection: NORMALLY NOT NEEDED AT ROOM TEMPERATURE.
Ventilation: PROVIDE EFFECTIVE MECHANICAL EXHAUST VENTILATION TO DRAW

AWAY VAPORS, MISTS OR FUMES GENERATED DURING PROCESSING.
Protective Gloves: WEAR APPROPRIATE GLOVES.
Eye Protection: SAFETY GLASSES, GOGGLES OR FACE SHIELD.
Other Protective Equipment: EYE WASH STATION AND SAFETY SHOWER, NORMAL WORK CLOTHING AND CHEMICAL RESISTANT APRON AS REQUIRED.
Work Hygienic Practices: WASH HANDS AND FACE THOROUGHLY AFTER HANDLING THIS PRODUCT AND BEFORE EATING, DRINKING OR SMOKING.
Supplemental Safety and Health
AVOID PROLONGED OR REPEATED EXPOSURE.

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= Physical/Chemical Properties =====

HCC: N1
Boiling Pt: B.P. Text: NO
Vapor Pres: NEGLIGIBLE
Vapor Density: NO
Spec Gravity: 2.20 & 2.45
Solubility in Water: NO
Appearance and Odor: WHITE PASTE, NO ODOR
Percent Volatiles by Volume: NEGLIE

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid: YES
STRONG OXIDIZERS, ACIDS, BASES.
Stability Condition to Avoid: STORAGE IN OPEN CONTAINERS, EXPOSURE TO OPEN FLAMES OR UNCONTROLLED EXPOSURE

E TO HEAT, UNCONTROLLED MIXING
W/CURING AGENT

Hazardous Decomposition Products: CARBON MONOXIDE, CARBON DIOXIDE,
OXIDES OF SILICON DIOXIDE, AND OTHER ORGANIC SUBSTANCES MAY BE
FORMED DURING COMBUSTIO

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

Waste Disposal Methods: DISPOSE OF IN ACCORDANCE WITH CURRENT FEDERAL,
STATE AND LOCAL REGULATIONS.

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