

EG & G WAKEFIELD ENGINEERING -- WAKEFIELD W-120 -- 6850-01-046-3643

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Product Identification
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Product ID:WAKEFIELD W-120

MSDS Date:02/19/1992

FSC:6850

NIIN:01-046-3643

MSDS Number: BJNYY

=== 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:ADVANCED INDUSTRIES INC

Address:415 NORTHCUTT STREET

Box:5666

City:LONGVIEW

State:TX

ZIP:75608

Country:US

Phone:214-236-4101

CAGE:0GA21

Company Name:EG & G WAKEFIELD ENGINEERING

Address:80 AUDUBON RD

Box:City:WAKEFIELD

State:MA

ZIP:01880

Country:US

Phone:617 245 5900

CAGE:05820

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Composition/Information on Ingredients
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Ingred Name:ZINC OXIDE

CAS:1314-13-2

RTECS

#: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 TEMPERAT URE 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:CONTACT WITH EYES MAY CAUSE IRRITATION, BLURRED

VISION, BURNING SENSATION AND TEARING. INHALATION OF HEATED VAPORS MAY CAUSE RESPIRATORY IRRITATION, NAUSEA AND HEADACHES.

Medical Cond Aggravated by Exposure:NO DATA IS AVAILABLE FOR THIS PRODUCT MIXTURE.

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

First Aid:EYES: FLUSH WITH RUNNING WATER FOR 15 MINUTES WHILE HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION. SKIN: WASH WITH WATER. REMOVE CONTAMINATED CLOTHING. GET MEDICAL ATTENTION IF IRRITATION

DEVELOPS. INHA LATION: 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:>250F,>121C

Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY CHEMICAL.

Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPME

NT WHEN FIGHTING CHEMICAL FIRE. USE WATER
SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.
Unusual Fire/Explosion Hazard:DECOMPOSITION AND COMBUSTION PRODUCTS MAY
BE TOXIC. CLOSED CONTAINERS MAY VIOLENTLY RUPTURE UNDER FIRE
CONDITIONS.

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

Spill Release Procedures:VENTILATE AREA. WIPE UP OR ABSORB SPILLED
MATERIAL WITH INERT MATERIAL. 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 IN A COOL, DRY, WELL VENTILATED
AREA. KEEP CONTAINERS TIGHTLY CLOSED WHEN NOT IN USE. KEEP AWAY
FROM HEAT AND OPEN FLAMES.
Other Precautions:NONE

===== 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:NEOPRENE, NITRILE, OR NATURAL RUBBER
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.

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

HCC:N1
Vapor Pres:1.0
Spec Gravity:2.45
Solubility in Water:NEGLIGIBLE
Appearance and Odor:WHITE PASTE, NO ODOR
Percent Volatiles by Volume:0

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

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZING AGENTS, STRONG MINERAL ACIDS, AND STRONG ALKALIS
Stability Condi

tion to Avoid:EXPOSURE TO HEAT AND/OR OPEN FLAME.

UNCONTROLLED MIXING WITH (OR EXPOSURE TO) INCOMPATIBLE SUBSTANCES.

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE,
SILICON DIOXIDE ,ZINC OXIDE.

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

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

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