

BASF STRUCTURAL MATERIALS INC, NARMCO MATERIALS -- METLBOND 328 IV --
8040-01-207-8458

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Product Identification
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Product ID:METLBOND 328 IV
MSDS Date:07/06/1988
FSC:8040
NIIN:01-207-8458
MSDS Number: BKBNQ
=== Responsible Party ===
Company Name:BASF STRUCTURAL MATERIALS INC, NARMCO MATERIALS
Address:1440 N KRAEMER BLVD
City:ANAHEIM
State:CA
ZIP:92806
Country:US
Info Phone Num:714-666-430
9
Emergency Phone Num:714-630-9400
CAGE:1HT75
=== Contractor Identification ===
Company Name:BASF STRUCTURAL MATERIALS INC
Address:11501 STEEL CREEK RD
City:CHARLOTTE
State:NC
ZIP:28273
Country:US
Phone:803-329-8051
CAGE:1HT75
Company Name:NARMCO MATERIALS INC SUB OF CELANESE CORP
Address:1440 N KRAEMER BLVD
Box:City:ANAHEIM
State:CA
ZIP:92806-1404
Country:US
CAGE:04622

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Composition/Information on Ingredients
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Ingred Name:EPOXY/PHENOLIC RESINS
Fraction by Wt: 66%
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her REC Limits:NONE SPECIFIED

Ingred Name:AMINE HARDENER

Fraction by Wt: < 5%

Other REC Limits:NONE SPECIFIED

Ingred Name:ASBESTOS, CHRYSOTILE

CAS:12001-29-5

RTECS #:CI6478500

Fraction by Wt: 5%

Other REC Limits:NONE SPECIFIED

OSHA PEL:0.2 FIBERS/CC

ACGIH TLV:2 FIBERS/CC; A1;9192

Ingred Name:PHENOLIC MICROBALLONS

Fraction by Wt: 25%

Other REC Limits:NONE SPECIFIED

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

Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES

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Health Hazards Acute and Chronic:INGESTION: LOW TOXICITY IS EXPECTED.

NO SPECIFIC INFORMATION EXISTS ON THIS PRODUCT. SKIN: THIS PRODUCT CONTAINS MATERIALS (EPOXY RESINS) WHICH MAY CAUSE SKIN IRRITATION AND/OR SENSITIZATION AFTER REPEATED CONTACT. EYE: MAY CAUSE IRRITATION. INHALATION: CONTAINS ASBESTOS. INHALATION IS A CAUSE OF LUNG CANCER IN MAN.

Explanation of Carcinogenicity:ASBESTOS IN A CAUSE OF LUNG CANCER IN MAN.

Medical Cond Aggravated by Exposure:REPEATED SKIN CONTACT MAY CAUSE

ALLERGIC CONTACT DERMATITIS IN SENSITIVE INDIVIDUALS.

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

First Aid:EYE: FLUSH WITH LARGE AMOUNTS OF WATER. GET MEDICAL AID FOR PERSISTANT IRRITATION. SKIN: WASH WITH LARGE AMOUNTS OF SOAP AND WATER. WASH CONTAMINATED CLOTHES BEFORE WEARING. GET MEDICAL AID FOR IRRITATION OR REDDENING OF SKIN. INGEST: GIVETWO GLASSES OF WATER AND INDUCE VOMITING. GET MEDICAL AID. INHALE: REMOVE TO FRESH AIR

R. SEEK MEDICAL AID IF SYMPTOMS PERSIST.

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Fire Fighting Measures
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Flash Point:450F,232C

Extinguishing Media:USE WATER SPRAY, DRY CHEMICAL, FOAM OR CARBON DIOXIDE. TREAT AS A CLASS B FIRE.

Fire Fighting Procedures:USE WATER SPRAY TO DISPERSE UNIGNITED VAPORS. WEAR SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:NONE EXPECTED.

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Handling and Storage
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Handling and Storage Precautions:

STORE AT 1F. THE ASBESTOS IS

THOROUGHLY WETTED BY THE POLYMER SYSTEM AND GENERATION OF AIRBORNE FIBERS IS UNLIKELY DURING NORMAL HANDLING.

Other Precautions:CARE MUST BE TAKEN IN PROCESSING AND MACHINING PARTS MADE FROM THIS PRODUCT TO AVOID GENERATION OF FREE ASBESTOS PARTICLES. ALL OPERATIONS MUST BE CARRIED OUT IN COMPLIANCE WITH OSHA.

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Exposure Controls/Personal Protection
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Respiratory Protection:NIOSH APPROVED RESPIRATOR FOR DUSTS IS

RECOMMENDED IF THERE IS A POSSIBILITY OF FIBER DUST EXPOSURE.

Ventilation:LOCAL EXHAUST WHEN APPROPRIATE TO CONTROL EMPLOYEE EXPOSURE. MECHANICAL: NOT AS SOLE MEANS OF CONTROLLING EXPOSURE.

Protective Gloves:IMPERVIOUS TO EPOXY RESINS.

Eye Protection:SAFETY GLASSES.

Other Protective Equipment:LONG-SLEEVED CLOTHING IS RECOMMENDED TO MINIMIZE SKIN CONTACT.

Supplemental Safety and Health

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Physical/Chemical Properties
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HCC:T6

Vapor Density:< 1

Evaporat

ion Rate & Reference:< 1
Solubility in Water:NEGLIGIBLE
Appearance and Odor:AMBER COLORED SOLID (100% SOLIDS)
Percent Volatiles by Volume:NEGLIG

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

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZING AGENTS, ACIDS, ALKALIS, AMINES, MERCAPTANS.
Stability Condition to Avoid:HEAT, AVOID STORAGE AT TEMPERATURES ABOVE
100F.
Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE,
OXIDES OF NITROGEN.
Condit
ions to Avoid Polymerization:HEAT; STRONG OXIDIZING AGENTS,
ACIDS, ALKALIS, AINES AND MERCAPTANS.

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

Waste Disposal Methods:INCINERATE OR BURY IN LANDFILL IN ACCORDANCE
WITH FEDERAL, STATE AND LOCAL REGULATIONS. THIS PRODUCT MAY BE A
HAZARDOUS WASTE IN CALIFORNIA DUE TO ITS ASBESTOS CONTENT.

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