

NATIONAL STARCH AND CHEMICAL COMPANY -- BONDMASTER M648T -- 8040-00-814-1860

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Product Identification
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Product ID:BONDMASTER M648T

MSDS Date:08/07/1990

FSC:8040

NIIN:00-814-1860

Kit Part:Y

MSDS Number: BJQFV

=== Responsible Party ===

Company Name:NATIONAL STARCH AND CHEMICAL COMPANY

Address:FINDERNE AVE

Box:6500

City:BRIDGEWATER

State:NJ

ZIP:08807

Country:US

Info Phone Num:201-685-5000

E

mergency Phone Num:201-685-5000

Preparer's Name:PHILIP A. TOSCANO

CAGE:85091

=== Contractor Identification ===

Company Name:NATIONAL STARCH AND CHEMICAL CORP

Address:10 FINDERNE AVE

Box:6500

City:BRIDGEWATER

State:NJ

ZIP:08807

Country:US

Phone:908-685-5379; FAX:908685-5306

CAGE:85091

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Composition/Information on Ingredients
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Ingred Name:EPOXY RESIN

CAS:25036-25-3

Fraction by Wt: > 1%

Other REC Limits:NONE SPECIFIED

Ingred Name:CYCLOHEXANOL

CAS:108-93-0

RTECS #:GV787

5000
Fraction by Wt: 1.7%
Other REC Limits:NONE SPECIFIED
OSHA PEL:S, 50 PPM
ACGIH TLV:S, 50 PPM; 9192

Ingred Name:ALLYL GLYCIDYL ETHER (AGE)
CAS:106-92-3
RTECS #:RR0875000
Fraction by Wt: 6.9%
Other REC Limits:9.6 PPM/15 CEIL
OSHA PEL:(C) 10 PPM
ACGIH TLV:S,5 PPM/10 STEL;9293

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===== Hazards Identification =====
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LD50 LC50 Mixture:922 MG/KG ORAL-RAT/270PPM HRS INHAL MOU*
Routes of Entry: Inhalation:NO Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO
IARC:NO OSHA:NO
Health Hazards Acute and Chronic:CHRONIC EYE CONTACT MAY CAUSE
CONJUNTIVITIS.SKIN CONTACT MAY CAUSE SENSITIZATION DERMATITIS.
Effects of Overexposure:EYE:IRRITATING,BUT DOES NOT INJURE EYE TISSUE.
SKIN:MAY IRRITATE AND CAUSE DERMATITIS. INHALATION:BASED ON ITS LOW
VOLATILITY, PRODUCT IS NOT CONSIDERED TO BE A RESPIRATORY HAZARD
UNDER NORMAL CONDITI ONS OF USE.IRRITATING AND/OR TOXIC VAPORS MAY
BE RELEASED AT ELEVATED TEMPERATURES. INGSTIONS:LOW ORDER OF
T
OXICITY.
Medical Cond Aggravated by Exposure:*DERMAL TOXICITY 485 MG/3 DYS
RABBIT-MODERATE IRRITATION.

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===== First Aid Measures =====
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First Aid:EYES:FLUSH WITH WATER FOR 15 MIN,LIFT UPPER/LOWER LIDS.GET
MED ATTN.DO NOT WEAR CONTACT LENSES WHEN WORKING WITH
MAT'L.SKIN:FLUSH WITH SOAP & WATER.REMOVE CONTAMINATED CLOTHES &
WASH BEFORE REUSE.IF I RRRIT PERSISTS,GET MED ATTN.INHALATION:REMOVE
TO FRESH AIR.GET MED ATTN.INGESTION:INDUCE VOMIT O
NLY IF VICTIM IS
ALERT.GET MED ATTN.DO NOT ATTEMPT TO GIVE ANYTHING BY MOUTH TO
DROWSY/UNCONSCIOUS PERSON

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===== Fire Fighting Measures =====
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Flash Point Method:SCC
Flash Point:155F/68C
Extinguishing Media:WATER FOG, FOAM, CO2 AND DRY CHEMICAL.
Fire Fighting Procedures:USE SELF-CONTAINED BREATHING APPARATUS TO
PROTECT AGAINST POTENTIALLY TOXIC AND IRRITATING FUMES. COOL
EXPOSED EQUIPMENT WITH WATER SPRAY.
Unusual Fire/Explosion Hazard:COMBUSTIBL

E AT HIGH TEMPERATURES.

POLYMERIZATION MAY TAKE PLACE AT ELEVATED TEMPERATURES.

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

Spill Release Procedures:TAKE UP WITH SAND OR OTHER ABSORBENT MATERIAL AND PLACE IN CONTAINER FOR LATER DISPOSAL.

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

Handling and Storage Precautions:STORE AT ROOM TEMP. AVOID EXCESSIVE HEAT. STORE OUT OF DIRECT SUNLIGHT IN A DRY AREA. MAXIMUM STORAGE TEMPERATURE IS 100F.

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

Respiratory Protection:NONE REQUIRED UNDER NORMAL HANDLING CONDITIONS. USE NIOSH APPROVED RESPIRATOR IF VAPOR OR MIST LEVELS ARE IRRITATING.

Ventilation:GENERAL VENTILATION.

Protective Gloves:APPROPRIATE GLOVES TO PREVENT CONTACT

Eye Protection:SAFETY GLASSES,GOGGLES OR FACE SHIELD

Other Protective Equipment:PROTECTIVE CLOTHING IS NORMALLY NOT NECESSARY FOR FORSEEABLE CONDITIONS OF USE.

Supplemental Safety and Health

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

Vapor Pres:1 @ 20C

Vapor Density:> 1

Spec Gravity:1.150

Evaporation Rate & Reference:> 1 (WATER)

Solubility in Water:INSOLUBLE

Appearance and Odor:AMBER SYRUP;MILD ETHER-LIKE ODOR

Percent Volatiles by Volume:10

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

Stability Indicator/Materials to Avoid:YES

AVOID STRONG ACID AND BASE, AMINE COMPOUNDS, MERCAPTANS.

Hazardous Decomposition Products:CA

RBON MONOXIDE, CARBON DIOXIDE,
UNKNOWN HYDROCARABONS.

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

Waste Disposal Methods:WASTE DISPOSAL SHOULD BE IN ACCORDANCE WITH
EXISTING FEDERAL, STATE AND LOCAL ENVIRONMENTAL REGULATIONS.

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