

NATIONAL STARCH AND CHEMICAL CORPORATION -- BONDMASTER (R) M777A --  
8040-01-006-9439

===== Product Identification =====

Product ID:BONDMASTER (R) M777A

MSDS Date:07/31/1987

FSC:8040

NIIN:01-006-9439

Kit Part:Y

MSDS Number: BGCVH

=== Responsible Party ===

Company Name:NATIONAL STARCH AND CHEMICAL CORPORATION

Address:FINDERNE AVENUE

Box:6500

City:BRIDGEWATER

State:NJ

ZIP:08807

Country:US

Info Phone

Num:201-685-5000

Emergency Phone Num:201-685-5000

CAGE:01666

=== Contractor Identification ===

Company Name:NATIONAL STARCH AND CHEMICAL CORP BONDMASTER DIV

Address:225 BELLEVILLE AVE

Box:City:BLOOMFIELD

State:NJ

ZIP:07003-3584

Country:US

CAGE:01666

===== Composition/Information on Ingredients =====

Ingred Name:BENTONE (R) 27

CAS:12691-60-0

Fraction by Wt: >1%

Ingred Name:N-BUTYL GLYCIDYL ETHER (BGE)

CAS:2426-08-6

RTECS #:TX4200000

Fraction by Wt: >1%

OSHA PEL:50 PPM

ACGIH

TLV:25 PPM; 9293

Ingred Name:EPOXY RESIN

CAS:25085-99-8

Fraction by Wt: >1%

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

LD50 LC50 Mixture:ORAL RAT LD50 = 2050 MG/KG (N-BUTYL ETH)

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE: EYE- IRRITATION WITH SLIGHT REVERSIBLE DAMAGE UPON DIRECT CONTACT. SKIN- IRRITATION, SENSITIZATION DERMATITIS. INHALE- IRRITATION TO MU

COUS MEMBRANES,

COUGHING, DYSPNEA AND CNS DEPRESSION. INGEST- SORE THROAT, ABDOMINAL PAIN, DIZZINESS. CHRONIC: DUSTS MAY CAUSE SHORTNESS OF BREATH. CONJUNCTIVITIS.

Effects of Overexposure:IRRITATION AND SLIGHT REVERSIBLE DAMAGE TO THE EYE. POSSIBLE CONJUNCTIVITIS. SENSITIZATION DERMATITIS. IRRITATION TO UPPER RESPIRATORY TRACT. NUISANCE DUSTS MAY RESULT IN SHORTNESS OF BREATH. IRRITATION TO THE MUCOUS MEMBRANES, COUGHING, DYSPNEA AND CENTRAL NERVOUS SYSTEM DEPRESSION. DIZZINESS, DULLNESS, SORE THROAT.

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

First Aid:INHAL: REMOVE TO FRESH AIR. SKIN: REMOVE WITH ALCOHOL THEN WASH WITH SOAP & WATER. EYE: FLUSH WITH PLENTY OF WATER FOR 15 MINUTES, CALL MD. CALL MD FOR ANY UNUSUAL EXPOSURE.

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

Flash Point Method:TOC

Flash Point:220F,104C

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

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Fire Fighting Procedures:MOVE CONTAINER FROM FIRE AREA IF POSSIBLE. DO NOT SCATTER SPILLED MATERIAL WITH HIGH PRESSURE WATER STREAMS. DIKE FIRE CONTROL WATER FOR LATER DISPOSAL.

Unusual Fire/Explosion Hazard:SLIGHT FIRE HAZARD WHEN EXPOSED TO HEAT OR FLAME.

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

Spill Release Procedures:STOP LEAK IF YOU CAN DO IT WITHOUT RISK. TAKE UP WITH SAND OR OTHER ABSORBENT MATERIAL AND PLACE INTO CLEAN, DRY CONTAINERS FOR LA

TER DISPOSAL. KEEP UNNECESSARY PEOPLE AWAY.  
ISOLATE HAZARD AREA AND DENY ENTRY.  
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE AWAY FROM INCOMPATIBLE  
SUBSTANCES.

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

Respiratory Protection:MFR STATES NOT NORMALLY REQUIRED  
Ventilation:SUFFICIENT TO KEEP VAPORS BELOW TLV.  
Protective Gloves:RUBBER  
Eye Protection:G  
OGGLES WITH SIDE SHIELDS  
Other Protective Equipment:AS NEEDED FOR SKIN CONTACT PREVENTION  
Supplemental Safety and Health  
NONE

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

HCC:N1  
Spec Gravity:1.2  
Solubility in Water:SLIGHTLY SOLUBLE  
Appearance and Odor:DEEP RED PASTE WITH AN ETHER-LIKE ODOR.

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

Stability Indicator/Materials to Avoid:YES  
STRONG OXIDIZERS AND CAUSTICS. STRONG ACIDS, AMINE COMPOUNDS, BASES,  
OR  
MERCAPTANS.  
Stability Condition to Avoid:ABNORMAL TEMPERATURES AND PRESSURES.  
Hazardous Decomposition Products:THERMAL DECOMPOSITION MAY RELEASE  
TOXIC AND/OR HAZARDOUS GASES.

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

Waste Disposal Methods:DISPOSE IAW FEDERAL,STATE & LOCAL CODES.

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