

BONDED PRODUCTS, INC. -- MMM-A-187B PART A, (PRODUCT CODE, EPI PLUS A) --
8040-00-753-4800

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

Product ID:MMM-A-187B PART A, (PRODUCT CODE, EPI PLUS A)

MSDS Date:10/05/1993

FSC:8040

NIIN:00-753-4800

Kit Part:Y

MSDS Number: BTHVF

=== Responsible Party ===

Company Name:BONDED PRODUCTS, INC.

Address:439 S. BOLMAR STREET

Box:39

City:WEST CHESTER

State:PA

ZIP:19381-0039

Country:US

Info Phone Num:215-696-9220

Emergency Phone Num:215-696-9220

Preparer's Name:JOHN BARTUSIAK

CAGE:DO082

=== Contractor Identification ===

Company Name:ABBEY COLOR INC DBA ABBEY PRODUCTS AND BONDED

Address:400 E TIOGA ST

Box:City:PHILADELPHIA

State:PA

ZIP:19134-1127

Country:US

Phone:215-739-9960

CAGE:19092

Company Name:BONDED PRODUCTS, INC

Address:439 SOUTH BOLMAR STREET

Box:39

City:WEST CHESTER

State:PA

ZIP:19381-0039

Phone:610-696-9220 OR 215-739-9960

CAGE:DO082

===== Compo

sition/Information on Ingredients =====

Ingred Name:EPOXY RESIN
CAS:25068-38-6
RTECS #:KC2100000

Ingred Name:CALCIUM CARBONATE (MARBLE) (LIMESTONE)
CAS:1317-65-3
RTECS #:EV9580000
OSHA PEL:15 MG/M3 TDUST
ACGIH TLV:10 MG/M3 TDUST; 9394

Ingred Name:TITANIUM DIOXIDE
CAS:13463-67-7
RTECS #:XR2275000
OSHA PEL:15 MG/M3 TDUST
ACGIH TLV:10 MG/M3 TDUST; 9394

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

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

Reports

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

Health Hazards Acute and Chronic:ACUTE:SKIN IRRITATION.

CHRONIC:PROLONGED/REPEATED CONTACT MAY CAUSE SENSITIZATION.

Explanation of Carcinogenicity:MANUFACTURER GAVE NO COMMENTS OTHER THAN
THE ABOVE REFERENCES TO THE THREE LISTINGS.

Effects of Overexposure:INHALED:HEADACHE,DIZZINESS.

SKIN:PROLONGED/REPEATED CONTACT MAY CAUSE IRRITATION, RASH,
REDNESS. EYE:SEVERE IRRITATION, ITCHING. INGESTED:G/I IRRITATION,
STOMACH DISCOMFORT.

Medi
cal Cond Aggravated by Exposure:ALLERGIES, HEAD COLDS AND ABRADED
SKIN WOUNDS.

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

First Aid:IF IRRITATION PERSISTS OR IS SEVERE, SEE A DOCTOR. EYE:FLUSH
W/WATER 15 MIN. SKIN:WASH WITH SOAP & WATER. REMOVE CONTAMINATED
CLOTHING AND LAUNDRER BEFORE REUSE. INHALED:REMOVE TO FRESH AIR.
AID/RESTO RE BREATHING AS NECESSARY. INGESTED:DO NOT INDUCE
VOMITING. GIVE WATER IF CONSCIOUS & GET IMMEDIATE MEDICAL CARE.

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

Flash Point Method:COC

Flash Point:>240F,>116C

Lower Limits:N.I.F.

Upper Limits:N.I.F.

Extinguishing Media:FOAM, CO2, DRY CHEMICAL

Fire Fighting Procedures:WEAR FULL PROTECTIVE EQUIPMENT, INCLUDING SCBA. REMAIN UPWIND FROM FIRE, CONTAINERS EXPOSED TO FIRE SHOULD BE KEPT COOL WITH WATER SPRAY.

Unusual Fire/Explosion Hazard:HANDLE PRODUCT AS A COMBUSTIBLE MATERIAL WHEN EXPOSED TO BURNING OR FIRE CONTAINERS EXPOSED TO FIRE CAN DEVELOP PRESSURE AND BURST.

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

Spill Release Procedures:CONTAIN SPILL. REMOVE ALL SOURCES OF IGNITION. SOAK UP WITH ABSORBENT MATERIALS. SCRAPE UP AND PLACE INTO CONTAINERS, WEAR RESPIRATORY EQUIPMENT AND NECESSARY PROTECTION FOR CLOTHING, SKIN AND EYES.

Neutralizing Agent:NO INFORMATION GIVEN ON MSDS BY MFR.

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

Handling and Storage Precaution

s:STORE IN A COOL, DRY AREA. WORK IN A WELL- VENTILATED AREA. WASH EXPOSED SKIN AREAS AFTER HANDLING. PRACTICE GOOD CAUTION & PERSONAL CLEANLINESS.

Other Precautions:AVOID CONTACT WITH SKIN EYES AND CLOTHING. REMOVE AND LAUNDRER CONTAMINATED CLOTHING BEFORE REUSE. DESTROY HEAVILY CONTAMINATED SHOES, OTHER LEATHER ARTICLES AND CLOTHES. PRACTICE GOOD HYGINE PROCEDURES .

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

Respiratory Protection:WEAR REPIRATORY EQUIPMENT AS REQUIRED TO PREVENT VAPOR EXPOSURE.

Ventilation:ADEQUATE VENTILATION TO CONTROL VAPOR EXPOSURE AWAY FROM OPERATOR.

Protective Gloves:IMPERVIOUS GLOVES / PREVENT SKIN CONTACT

Eye Protection:SPLASHPROOF SAFETY GOGGLES/FACE SHIELD.

Other Protective Equipment:IMPERVIOUS PROTECTIVE GARMENTS TO PREVENT CONTACT WITH CLOTHING & SKIN. SAFETY SPRAY OR SHOWER. EYE BATH.

Work Hygienic Practices:PRACTICE GOOD CAUTION AND PERSONAL CLEANLINESS. WASH EXPOSED SKIN AREAS AFTER HANDLING P

RODUCT AND BEFORE EATING.
Supplemental Safety and Health
NONE

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

HCC:N1
NRC/State Lic Num:NONE
Boiling Pt:B.P. Text:NOT DETERM
Vapor Density:N.I.F.
Spec Gravity:1.76
Evaporation Rate & Reference:N.I.F.
Solubility in Water:VERY SLIGHT
Appearance and Odor:WHITE PASTE WITH A SLIGHT ODOR

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

Stability Indicator/Materials to Avoid:YES
STRONG ACIDS, BASES AND OXIDIZ
ING AGENTS
Stability Condition to Avoid:TEMPERATURES OVER 100F
Hazardous Decomposition Products:OXIDES OF CARBON AND SMOKE
Conditions to Avoid Polymerization:WILL NOT OCCUR

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

Waste Disposal Methods:REACT THIS PART A WITH THE PART B AND DISPOSE
IAW FEDERAL, STATE AND LOCAL REGULATIONS.

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