

BONDED PRODUCTS, INC. -- DOD-C-24176B H.S.CEMENT PT A -- 8030-00-051-4011

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

Product ID:DOD-C-24176B H.S.CEMENT PT A

MSDS Date:05/10/1989

FSC:8030

NIIN:00-051-4011

Kit Part:Y

MSDS Number: BHMBT

=== 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:215-696-9

220

Emergency Phone Num:215-696-9220

Preparer's Name:A. NICHOLAS ROSA

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

===== Composition/Information on Ingredients

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Ingred Name:EPOXIDE
CAS:25068-38-6
RTECS #:KC2100000

Ingred Name:SILICA, AMORPHOUS, DUST
CAS:112945-52-5
RTECS #:VV7310000
OSHA PEL:6 MG/M3
ACGIH TLV:10 MG/M3; 8990

Ingred Name:TITANIUM DIOXIDE
CAS:13463-67-7
RTECS #:XR2275000
OSHA PEL:15 MG/M3 TDUST
ACGIH TLV:10 MG/M3 TDUST; 9293

Ingred Name:CALCIUM CARBONATE (MARBLE) (LIMESTONE)
CAS:1317-65-3
RTECS #:EV9580000
OSHA PEL:15 MG/M3 TDUST
ACGIH TLV:10 MG/M3 TDUST; 9192

Ingred Name:MODIFIED UREA FORMALDEHYDE RESIN

(VAPOR PRESS 5.0 MM/HG @ 68F)

Ingred Name:MILLED GLASS 9007 1/32
CAS:65997-17-3
ACGIH TLV:10 MG/M3

Ingred Name:SILICA, AMORPHOUS, DUST
CAS:112945-52-5
RTECS #:VV7310000
OSHA PEL:6 MG/M3
ACGIH TLV:10 MG/M3; 8990

===== 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:VAPORS MAY IRRITATE RESPIRATORY
PASSAGES. SENSITIZATION TO SKIN & EYE

S ON PROLONGED OR REPEATED
CONTACT.

Effects of Overexposure:EYE: POSSIBLE IRRITATION & SENSITIZATION

SKIN: CAN CAUSE IRRITATION AND

REDNESS ON PROLONGED CONTACT OR EXPOSURE INHAL: NAUSEA AND
HEADACHE, REMOVE TO FRESH AIRINGST: ABDOMINAL DISCOMFORT.

Medical Cond Aggravated by Exposure:ALLERGY,EXISTING SKIN CONDITIONS
AND SKIN ABRASION

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

First Aid:EYES:FLUSH W/WATER FOR 15 MIN.GET MED ATTN.SKI

N:WASH

IMMEDIATELY W/SOAP & WATER.IF IRRITATION OF SKIN PERSISTS,GET MED
ATTN.REMOVE CONTAMINATED CLOTHING/LAUNDERINHALE:REMOVE PERSON TO
FRESH AIR, ADMINISTER OXYGEN IF NECESSARY.ADMINISTERARTIFICIAL
RESPIRATION,IF NECESSARY.CALL A PHYSICIAN.

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

Flash Point Method:PMCC

Flash Point:>300 F/ >149 C

Extinguishing Media:FOAM,CO2,DRY CHEMICAL,WATER FOG.

Fire Fighting Procedures:WEAR SCBA & FULL PROTECTIVE EQUIP. REMA
IN

UPWIND FROM FIRE. CONTAINERS EXPOSED TO FIRE SHOULD BE KEPT COOL
WITH WATER SPRAY.

Unusual Fire/Explosion Hazard:HANDLE AS COMBUSTIBLE MATERIAL WHEN
EXPOSED TO BURNING OR FIRES.HEATED CONTAINERCAN DEVELOP PRESSURE &
EXPLODE. KEEP CONTAINERS COOL WITH A WATER SPRAY.

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

Spill Release Procedures:CONTAIN SPILL.SOAK WITH ABSORBENT
MATERIAL&SCRAPE INTO SALVAGE CONTAINERS.REMOVE ALL SOURCES OF
IGNITION.WE

AR SELF-CONTAINED BREATHING APPARATUS. PROTECT SKIN/EYES
BY USE OF RUBBER GLOVES,GOGGLES, OR FACE SHIELD.

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

Handling and Storage Precautions:STORE IN A COOL,DRY AREA IN TIGHTLY
SEALED CONTNRSWASH WITH SOAP/WTR AFTER HANDLING PRODUCT. USE
PROTECTIVE CLOTHING.HANDLE IN WELL VENTILATED AREA.

Other Precautions:AVOID CONTACT WITH SKIN,EYES, & CLOTHING. AVOID
BREATHING VAPORS. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE

DISCARD CONTAMINATED CLOTHING, SHOES, & OTHER LEATHER WEARING APPAREL. USE A BARRIER CREAM WHEN HANDLING PRODUCT.

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

Respiratory Protection: NIOSH APPROVED ORGANIC CHEMICAL CARTRIDGE RESPIRATOR, IF NEEDED.

Ventilation: LOCAL EXHAUST SYSTEM AND GOOD GENERAL VENTILATION. USE ADEQUATE VENTILATION IN ENCLOSED AREAS.

Protective Gloves: IMPERVIOUS GLOVES.

Eye Protection: SAFETY GOGGLES OR FACE SHIELD.

Other Protect

ive Equipment: RUBBER PROTECTIVE GARMENTS TO PREVENT SKIN CONTACT, SAFETY SPRAY OR SHOWER, EYE BATH.

Work Hygienic Practices: PRACTICE CAUTION, GOOD HOUSEKEEPING PROCEDURES, PERSONAL CLEANLINESS. WASH EXPOSED SKIN AREAS WITH SOAP AND WATER.

Supplemental Safety and Health
NK

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

Spec Gravity: 1.6

Solubility in Water: VERY SLIGHT

Appearance and Odor: WHITE PASTE WITH A CHARACTERISTIC ODOR.

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

Stability Indicator/Materials to Avoid: YES
STRONG OXIDIZING AGENTS.

Stability Condition to Avoid: TEMPERATURES OVER 110°F

Hazardous Decomposition Products: OXIDES OF CARBON AND NITROGEN.

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

Waste Disposal Methods: RECLAIM IF POSSIBLE. REACT THIS PART A WITH PART B AND DISPOSE IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

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