

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

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

MSDS Date:05/10/1989

FSC:8030

NIIN:00-051-4011

Kit Part:Y

MSDS Number: BHMBV

=== 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: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 Ingred

ients =====

Ingred Name:MODIFIED ALIPHATIC AMINE  
(VAPOR PRESS 1.0 MM/HG @ 68F)

Ingred Name:RESORCINOL,TECH GRADE,FLAKE  
(VAPOR PRESS 1.0 MM HG @ 70F.)

CAS:108-46-3  
OSHA PEL:10 PPM  
ACGIH TLV:10 PPM  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:DICYANDIAMIDE  
CAS:504-66-5

Ingred Name:TRIETHYLENETETRAMINE (TETA)  
(VAPOR PRESSURE 0.0 MM/HG @ 68 F.)  
CAS:112-24-3  
RTECS #:YK6650000

Ingred Name:CALCIUM CARBONATE (MARBLE) (LIMESTONE)  
CAS:131  
7-65-3  
RTECS #:EV9580000  
OSHA PEL:15 MG/M3 TDUST  
ACGIH TLV:10 MG/M3 TDUST; 9192

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

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

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

Ingred Name:CARBON BLACK  
CAS:1333-86-4  
RTECS #:FF5800000  
OSHA PEL:3.5 MG/M3  
ACGIH TLV:3.5 MG/M3; 9192

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= 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 NOSE AND LUNGS  
UPON PROLONGED OR REPEATED EXPOSURES. MAY CAUSE  
SENSITIZATION RESULTING IN AN ALLERGIC REACTION.  
Effects of Overexposure:EYE: REDNESS & IRRITATION AFTER PROLONGED OR  
REPEATED EXPOSURE. SKIN: PROLONGED OR REPEATED  
CONTACT WITH SKIN CAN CAUSE REDNES  
S & IRRITATION INHAL: NAUSEA  
AND HEADACHESINGST: ABDOMI NAL REACTION.  
Medical Cond Aggravated by Exposure:SKIN CUTS AND BRUISES AND ABNORMAL  
SKIN CONDITIONSPREVIOUS EYE IRRITATIONS & ABNORMAL EYE CONDITIONS

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

First Aid:EYE: FLUSH W/WATER FOR 15 MINS, CALL A PHYSICIAN  
SKIN: WASH W/SOAP & WATER REMOVE CONTAMINATED  
CLOTHING INHAL: REMOVE TO FRESH AIR,GIVE  
OXYGEN I F NECESSARY, CALL A PHYSICI  
ANINGST: IF CONSCIOUS GIVE  
WATER OR MILK, INDUCE VOMITING

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

Flash Point Method:CC  
Flash Point:275 F/ 135 C  
Extinguishing Media:FOAM,CO2,DRY CHEMICAL, WATER FOG.  
Fire Fighting Procedures:WEAR FULL PROTECTIVE EQUIPMENT INCLUDING  
SELF-CONTAINED BREATHING SYSTEM,NIOSH APPROVED.REMAIN UPWIND FROM  
FIRE.  
Unusual Fire/Explosion Hazard:HANDLE PRODUCT AS A COMBUSTIBLE  
MATERIAL.WHEN EXPOSED TO BURNING OR FIRE CONTAIN  
RS CAN  
BURST. KEEP COOL WITH A WATER SPRAY.

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

Spill Release Procedures:VENTILATE AREA. AVOID CONTACT W/SKIN &  
BREATHING VAPORS.CLEAN SPILLS BY TREATING WITH ABSORBENT  
MATERIALS,SCRAPE INTO A CONTAINER FOR PROPER DIS- POSAL.FLUSH  
CONTAMINATED AREA WITH WATER.

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

Handling and Storage Precautions:USE PROTECTIVE CLOTHING WHEN  
HANDLING.STORE IN

TIGHTLY CLOSED CONTAINERS IN A COOL, DRY AREA WITH ADEQUATE VENTILATION.

Other Precautions: LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE. WASH EXPOSED SKIN AREAS AFTER USING PRODUCT. DISCARD CONTAMINATED SHOES AND OTHER LEATHER ARTICLES. USE A BARRIER CREAM FOR HANDS BEFORE USING PRODUCT.

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

Respiratory Protection: NIOSH APPROVED ORGANIC VAPOR RESPIRATOR IS RECOMMENDED.

Ventilation: LOCAL: REQUIRED-ADEQUATE VENTILATION. GENERAL MECHANICAL

VENTILATION IS REQUIRED TO MOVE VAPORS AWAY FROM OPERATOR.

Protective Gloves: IMPERVIOUS GLOVES.

Eye Protection: CHEMICAL SPLASH PROOF GOGGLES.

Other Protective Equipment: SKIN PROTECTING CLOTHING, RUBBER APRON AS NECESSARY, SAFETY SPRAY OR SHOWER. EYE WASH FOUNTAIN.

Work Hygienic Practices: WASH WITH SOAP & WATER AFTER USING PRODUCT & ESPECIALLY BEFORE EATING.

Supplemental Safety and Health

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

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Spec Gravity: 1.6

Solubility in Water: VERY SLIGHT

Appearance and Odor: BLACK PASTE WITH AN AMINE ODOR.

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

Stability Indicator/Materials to Avoid: YES

STRONG OXIDIZING AGENTS, NATURAL RUBBER.

Stability Condition to Avoid: TEMPERATURES OVER 110 DEGREES F.

Hazardous Decomposition Products: NITROGEN

OXIDES, HYDROCARBONS, PHENOLICS, CARBON MONOXIDE AND OR CARBON DIOXIDE.

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

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

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