

MATERIAL SAFETY DATA SHEET

MSDS Name: WAX MODIFIED SEALER  
 MSDS Number: BA-102  
 Version Number  
 MSDS Date: MAY-20-2008  
 Page Number: 1 of 7

SECTION I - PRODUCT AND COMPANY INFORMATION

Product Name: WAX MODIFIED SEALER  
 CAS Number: MIXTURE  
 Hazard Rating: Health: 2 Fire: 1 Reactivity: 0 PPI: H

Company Identification: COATING DEVELOPMENT GROUP, INC  
 P.O. BOX 14817  
 SCHILLER & ALLEN STREETS  
 PHILADELPHIA PA 19134-4817

Contact: MARK KOCHANOWICZ  
 Telephone/Fax: (215) 426-6216 (215) 426-6219  
 Emergency Phone (24 Hour): CHEMTREC  
 (800) 424-9300

Product Class: WATERBORNE TOPCOATS  
 Trade Name  
 Product Code: BA-102

SECTION II - INGREDIENT AND HAZARD INFORMATION

Ingredient Name	CAS Number	Percent	TSCA
WATER HMIS Health: 0 Fire:0 Reactivity:0 PPI: _____	7732-18-5	60.28	
BUTYL CELLOSOLVE EB HMIS Health: 2 Fire:2 Reactivity:0 PPI:H_____	111-76-2	3.79	
DPNB HMIS Health: 1 Fire:1 Reactivity:0 PPI:B_____	29911-28-2	1.13	
DPM HMIS Health: 1 Fire:2 Reactivity:0 PPI:B_____	34590-94-8	0.64	
HAZARDOUS SOLID HMIS Health: 2 Fire:1 Reactivity:0 PPI:H_____	PROPRIETARY	0.54	
TETRAMETHYL-5-DECYNE-4,7-DIOL,	126-86-3	0.14	

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HMIS Health: 2 Fire:2 Reactivity:0 PPI:X\_\_\_\_\_

\*\*\* ALL Ingredients in this product are listed in the T.S.C.A. Inventory

SECTION III - HAZARDS IDENTIFICATION

EYE CONTACT - Direct contact with material can cause the following:  
- slight irritation

INGESTION - No data available. Ingestion of material may be harmful.

INHALATION - Inhalation of vapor or mist can cause the following:  
- headache - nausea - irritation of nose, throat and lungs

SKIN CONTACT - Prolonged or repeated skin contact can cause the following: - slight skin irritation

SECTION IV - FIRST AID MEASURES

EYE CONTACT - Flush eyes with a large amount of water for a least 15 minutes. Consult a physician if irritation persists.

INGESTION - If swallowed, give 2 glasses of water to drink. Consult a physician. Never give anything by mouth to an unconscious person.

INHALATION - Move subject to fresh air. If breathing is difficult, have trained person administer oxygen. If respiration stops, give mouth-to-mouth resuscitation. GET MEDICAL ATTENTION IMMEDIATELY.

SKIN CONTACT - Remove contaminated clothing and shoes. Wash affected skin areas thoroughly with soap and water. Consult a physician if irritation persists. Wash clothing before reuse.

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SECTION V - FIRE-FIGHTING MEASURES

Flammability Class IIIIB  
Flash Range: 210.oF (98.89oC)  
Setaflash  
Explosive Range: Not Available

Use foam, carbon dioxide (CO2) or dry chemical. Water may not be effective to extinguish fire. Use water spray to cool fire-exposed containers and to protect personnel.

Keep personnel removed from and upwind of fire. Wear full fire-fighting turn-out gear (full bunker gear), and respiratory protection (SCBA). Cool container with water spray.

UNUSUAL HAZARDS - Material can splatter above 212 degrees F. Dried product can burn.

SECTION VI - ACCIDENTAL RELEASE MEASURES

Appropriate protective equipment must be worn when handling a spill of this material.

Keep spectators away. Floor may be slippery; use care to avoid falling. Contain spills immediately with inert materials (e.g. sand, earth). DO NOT use combustible materials such as sawdust. Transfer liquids and solid diking material to seperate suitable containers for recovery or disposal. Obey all local, state and federal laws regarding chemical spills.

CAUTION - Keep spills and cleaning runoff out of municipal sewers and open bodies of water.

SECTION VII - HANDLING AND STORAGE

HANDLING PROCEDURES - Monomer vapors can be evolved when material is heated during processing operations. Use local exhaust ventilation and proper personal protection equipment.

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STORAGE CONDITIONS - Keep from freezing; material may coagulate. The minimum recommended storage temperature for this product is 34 degrees F. The maximum recommended storage temperature for this material is 110 degrees F.

SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits

	ACGIH TLV	ACGIH TLV-C	ACGIH STEL	OSHA STEL	OSHA PEL
WATER	N/est	N/est	N/est	N/est	N/est
BUTYL CELLOSOLVE EB	25.00 PPM	N/est	N/est	N/est	25.00 PPM
DPNB	N/est	N/est	N/est	N/est	N/est
DPM	100.00 PPM	N/est	N/est	N/est	100.00 PPM
HAZARDOUS SOLID	N/est	N/est	N/est	N/est	N/est
TETRAMETHYL-5-DECYNE-4,7-DIOL,	N/est	N/est	N/est	N/est	N/est

RESPIRATORY PROTECTION - Provide adequate ventilation. If TLV of the product is exceeded, a NIOSH/MSHA jointly approved half-mask, air-purifying respirator must be worn. Air-purifying respirators should be equipped with an ammonia/methylamine cartridge and dust/mist filters.

VENTILATION - Provide sufficient mechanical and/or local exhaust ventilation to maintain exposure below TLV.

PROTECTIVE GLOVES - NEOPRENE GLOVES may provide protection against permeation.

EYE PROTECTION - Chemical splash goggles in compliance with OSHA

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regulations are advised.

OTHER PROTECTIVE EQUIPMENT - To prevent prolonged skin contact, wear impervious clothing and boots. Maintain an eyewash facility and an emergency shower.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

Form: LIQUID  
Appearance/Color: MILKY TRANSLUCENT  
Odor: AMMONIACAL  
Solubility (in water): SOLUBLE  
pH Value: 7.5  
Boiling Range: 212.oF - 444.oF (100.oC - 228.89oC)  
Vapor Pressure (mmHg): Not Available  
Melting Point: 32.oF (0.oC)  
Evaporation Rate: 0.245 times Slower than n-Butyl Acetate  
  
Vapor Density: Heavier than air  
  
Partition Coefficient: Not Available  
% Volatile Weight: 65.96%  
% Volatile BY VOLUME 68.82%  
Specific Gravity: 1.03679  
VOC: 0.17 VOC/NV LBS  
Molecular Weight: N/A  
Heavy Elements (ppm): 0.

SECTION X - STABILITY AND REACTIVITY

Stability: This product is stable  
Hazardous Polymerization: Hazardous polymerization will not occur

SECTION XI - TOXICOLOGICAL INFORMATION

Route	Species	Exposure and Dose
BUTYL CELLOSOLVE EB Inhalation	Rat, adult	LC50 500. PPM

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SECTION XII - ECOLOGICAL INFORMATION

No data available.

SECTION XIII - DISPOSAL CONSIDERATIONS

PROCEDURE - Coagulate the emulsion by the stepwise addition of ferric chloride and lime. Remove the clear supernatant and flush to a chemical sewer. Incinerate liquid and contaminated solids in accordance with local, state, and federal regulations.

SECTION XIV - TRANSPORT INFORMATION

UN Number	N/A
UN Pack Group	N/A
UN Class	N/A
Emergency Storage	N/A
MFAG Table Number	N/A
Kemmler Code	N/A
ICAO/IATA Class	N/A
IMDG Class	N/A
Shipping Name	NOT REGULATED, WATERBORNE COATING
ADR/RID Class	N/A
ADR/RID Item Number	N/A
DOT Hazard Class	
Technical Name	

SECTION XV - REGULATORY INFORMATION

SARA TITLE III SECTION 313:

This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right to Know Act of 1986 and of 40 CFR 372:

Ingredient Name	CAS Number	Percent
BUTYL CELLOSOLVE EB	111-76-2	3.79

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SECTION XVI - OTHER INFORMATION

DISCLAIMER:

The information contained herein applies only to the material identified on this MSDS. The data presented in these sheets are based on information provided by the suppliers of the raw materials and chemicals used in the manufacture of this product and is accurate to the best of our knowledge at the date of issue of this MSDS. Coating Development Group, Inc. makes no warranty with respect to the accuracy of the information provided by its suppliers and disclaims all liability of reliance thereon. Coating Development Group, Inc. warrants only that its products conform to their published specifications. We do not guarantee favorable results and we assume no liability in connection with the use of this product. Final determination of the use of this product is the sole responsibility of the user. Although certain hazards are described herein, it cannot be guaranteed that these are the only hazards that exist. All chemicals may present unknown health hazards and should be used with caution. Read all labels.