

Date of Prep: 6/1/01

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**SECTION I: PRODUCT INFORMATION**

NUMBER:	8202,8203	<b>HMIS HEALTH CODES</b>
NAME:	ROSCOBOND	HEALTH: 1 SLIGHT
CLASS:	FORMULATED ACRYLIC COPOLYMER DISPERSION	REACTIVITY: 0 MINIMAL
		FLAMMABILITY: 0 MINIMAL
		PROTECTIVE EQUIPMENT: B

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**SECTION II: HAZARDOUS INGREDIENTS**

INGREDIENT	PERCENT BY WEIGHT	C.A.S REGISTRY NO	PEL OSHA	TLV ACGIH	OTHER
ETHOXYLATED OCTYLPHENOL	3.78	9036-19-5	NE	NE	

THIS MATERIAL SAFETY DATA SHEET (MSDS) HAS BEEN PREPARED IN COMPLIANCE WITH THE FEDERAL OSHA HAZARD COMMUNICATION STANDARD 29 CFR 1910.1200.

**THIS PRODUCT IS CONSIDERED TO BE A NON-HAZARDOUS SUBSTANCE UNDER THAT STANDARD.**

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**SECTION III: PHYSICAL DATA**

BOILING POINT:	NE	FREEZING RANGE:	25-32°F;
VAPOR PRESSURE (mm Hg):	NE	VAPOR DENSITY(AIR = 1):	NE
SPECIFIC GRAVITY:	1.032	H <sub>2</sub> O SOLUBLE:	APPRECIABLE 10.0 - 99.9
EVAPORATION RATE:	NE	H <sub>2</sub> O REACTIVE:	NO
(butyl acetate = 1)		DENSITY:	
% VOLATILE BY WEIGHT:	42.0	VOC:	0.37 LBS/GAL

APPEARANCE AND ODOR: WHITISH LIQUID; MILD ODOR

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**SECTION IV: FIRE AND EXPLOSION HAZARD DATA**

FLASHPOINT:	> 200° F	EXPLOSIVE LIMITS
(Method Used):	DOES NOT APPLY	LEL: N/A UEL: N/A

FLAMMABILITY CLASSIFICATION:  
OSHA: NOT REGULATED  
DOT: NOT REGULATED

EXTINGUISHING MEDIA:  
THIS PRODUCT WILL NOT BURN DUE TO ITS WATER CONTENT

SPECIAL FIRE FIGHTING PROCEDURES:  
THIS PRODUCT WILL NOT BURN DUE TO ITS WATER CONTENT

UNUSUAL FIRE AND EXPLOSION HAZARDS:  
THIS PAINT WILL NOT BURN, BUT MAY SPATTER IF THE TEMPERATURE EXCEEDS THE BOILING POINT. VAPOR MAY BE IRRITATING TO BOTH EYES AND SKIN

**SECTION V: TOXICOLOGICAL INFORMATION**

INGREDIENT MATERIAL DESCRIPTION	CARCINOGENICITY LISTING			LD50	(mg/kg)	LD50(ppm)
	OSHA	NTP	IARC	(rat)	(rbt)	(rat)
				ORAL	DERMAL	INHAL
ETHOXYLATED OCTYLPHENOL	N	N	N	NE	NE	NE

**TOXIC EFFECTS:**

SEVERE EYE IRRITANT.  
CAN CAUSE PERMANENT INJURY.  
IRRITATING TO THE SKIN UPON PROLONGED OR REPEATED CONTACT.

**EYE AND/OR SKIN IRRITATION STUDIES:**

IN TESTS WITH RABBITS, THIS MATERIAL CAUSED PERMANENT CORNEAL DAMAGE AT CONCENTRATIONS GREATER THAN 10%.

**SECTION VI: HEALTH HAZARD DATA**

**PRIMARY ROUTE(S) OF EXPOSURE:**

EYES: YES  
SKIN: YES  
INHALATION: NO

**EYE CONTACT:**

CAN CAUSE MILD TO MODERATE IRRITATION.

**SKIN CONTACT:**

IRRITATION CAN OCCUR FOLLOWING PROLONGED OR REPEATED CONTACT.

**INHALATION:**

UNDER NORMAL CONDITIONS OF USE, NO ADVERSE EFFECTS ARE EXPECTED.

**INGESTION:**

CAN CAUSE NAUSEA, VOMITING, AND GASTROINTESTINAL UPSET.

**ADDITIONAL EFFECTS:**

DEPENDING ON THE ROUTE, FREQUENCY, AND DURATION OF EXPOSURE, TOXICITY MAY EFFECT IN THE FOLLOWING ORGANS AND/OR SYSTEMS:

1. EYES

**AGGRAVATION OF EXISTING CONDITIONS:**

INDIVIDUALS WITH MEDICAL CONDITIONS INVOLVING THE FOLLOWING ORGAN(S) AND/OR SYSTEM(S) SHOULD TAKE APPROPRIATE PRECAUTIONS WHEN HANDLING THIS PRODUCT:

1. SKIN

ALWAYS WEAR APPROPRIATE PROTECTIVE EQUIPMENT, AS RECOMMENDED BY YOUR INDUSTRIAL HYGIENE OR SAFETY PERSONNEL, WHEN EXPOSURE TO THIS PRODUCT CAN OCCUR.

**EMERGENCY AND FIRST AID PROCEDURES:**

INHALATION: MOVE TO FRESH AIR  
EYE CONTACT: FLUSH EYES WITH WATER (LIFT LIDS) FOR 15 MINUTES.  
SKIN CONTACT: WASH SKIN WITH SOAP AND WATER.  
INGESTION: INDUCE VOMITING

**SECTION VII: REACTIVITY DATA**

STABILITY: YES  
POLYMERIZATION: NO  
STABILITY CONDITIONS TO AVOID: NOT APPLICABLE  
INCOMPATIBILITY (MATERIALS TO AVOID): OXIDIZING AGENTS, ACIDS  
HAZARDOUS DECOMPOSITION PRODUCTS: SMOKE, SOOT, CARBON DIOXIDE & CARBON MONOXIDE.  
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR.  
POLYMERIZATION CONDITIONS TO AVOID: NONE

**SECTION VIII: SPILL OR LEAK PROCEDURES**

**STEPS FOR MATERIAL SPILLAGE:**

ABSORB WITH SAND AND DISPOSE OF IN APPROVED MANNER.  
DIKE AREA WITH SAND TO CONTAIN SPILLED LIQUID.  
RECOVER FREE PRODUCT.  
USE WATER SPRAY TO DILUTE SPILL.

FLUSH THE CONTAMINATED AREA WITH WATER SPRAY.  
WASTE DISPOSAL METHOD:  
DISPOSE OF IN ACCORDANCE WITH LOCAL REGULATIONS.

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**SECTION VIII: SPECIAL PROTECTION INFORMATION**

RESPIRATORY PROTECTION:  
MAINTAIN GOOD VENTILATION  
VENTILATION:  
PROVIDE ADEQUATE CROSS AIR CIRCULATION.  
TO AVOID BREATHING VAPORS OR SPRAY MIST, OPEN WINDOWS AND DOORS.  
ENSURE FRESH AIR DURING APPLICATION AND DRYING.  
PROTECTIVE GLOVES:  
WEAR IMPERVIOUS GLOVES (NEOPRENE) TO MINIMIZE SKIN CONTACT.  
EYE PROTECTION:  
SPLASHPROOF SAFETY GOGGLES TO PROTECT AGAINST SPLASH.  
OTHER PROTECTIVE CLOTHING OR EQUIPMENT:  
EYEWASH STATION (FOUNTAIN).  
A SOURCE OF CLEAN WATER AVAILABLE TO FLUSH EYES AND SKIN.  
HYGIENIC PRACTICES:  
WASH HANDS BEFORE EATING OR USING THE WASHROOM.

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**SECTION X: SPECIAL PRECAUTIONS/TRANSPORTATION INFORMATION**

REGULATORY DATA:  
D.O.T. SHIPPING NAME: NE  
D.O.T. HAZARD CLASS: NE  
D.O.T. ID NUMBER (UN OR NA):  
IATA SHIPPING NAME: (PAINT RELATED MATERIAL)  
IATA HAZARD CLASS: (NON-HAZARDOUS)  
IATA IMO NO.: NR  
ORM-D QUALIFYING CHEMICAL:  
CANADIAN SHIPMENTS: F111

HANDLING AND STORAGE PRECAUTIONS:  
PROTECT FROM FREEZING  
STORE IN COOL, DRY, WELL VENTILATED AREA.  
PROTECT FROM FREEZING.  
THIS CONTAINER CAN BE HAZARDOUS WHEN EMPTY, BECAUSE IT CAN RETAIN PRODUCT RESIDUES. THEREFORE, DO NOT REUSE CONTAINER FOR FOOD, CLOTHING, OR PRODUCTS FOR HUMAN OR ANIMAL CONSUMPTION OR WHERE SKIN CONTACT MAY OCCUR.

OTHER PRECAUTIONS:  
DO NOT TAKE INTERNALLY.  
CHECK ALL CONTAINERS FOR LEAKS.  
KEEP CONTAINERS CLOSED WHEN NOT IN USE.

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**SECTION XI: SARA TITLE III**

CHEMICAL	CAS #	WEIGHT%	FIRE	RELEASE	REACT	ACUTE	CHRON
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**SARA - SECTION 313 SUPPLIER NOTIFICATION**

THIS PRODUCT CONTAINS THE ABOVE 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. THESE PRODUCTS ARE IDENTIFIED BY THE FOLLOWING LEGEND PREFIXED TO THE CAS (CHEMICAL ABSTRACT NUMBER) IN SECTION II OF THIS MSDS. IF THERE ARE NONE THE SECTION WILL BE EMPTY.

**SECTION 311/312 - HAZARD CATEGORIES**

PURSUANT TO SECTION 311/312 OF SARA TITLE III, THE PHYSICAL AND HEALTH HAZARD CATEGORIES FOR THIS PRODUCT ARE IDENTIFIED BELOW:

FIRE HAZARD: NO  
SUDDEN RELEASE OF PRESSURE HAZARD: NO  
REACTIVITY HAZARD: NO  
IMMEDIATE (ACUTE) HEALTH HAZARD: YES  
DELAYED (CHRONIC) HEALTH HAZARD: NO

**DISCLAIMER**

EVERY EFFORT HAS BEEN MADE TO ENSURE THAT THE SAFETY INFORMATION ON THIS SHEET IS ACCURATE, BUT BECAUSE ROSCO LABORATORIES, INC. HAS NO CONTROL OVER THE CONDITIONS UNDER WHICH THE PRODUCT WILL BE USED, LIABILITY IS LIMITED EXCLUSIVELY TO REPLACEMENT OR REFUND OF THE PURCHASE PRICE OF THIS PRODUCT. EXCEPT AS STATED HEREIN, THERE ARE NO EXPRESS OR IMPLIED WARRANTIES INCLUDING IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. ROSCO LABORATORIES, INC. ASSUMES NO LIABILITY FOR INJURY OR INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF STORAGE, HANDLING OR USE OF THIS PRODUCT.

**HAZARDOUS WARNING OR STATEMENT**

NO SPECIAL HAZARDS EXIST WITH THIS PRODUCT. AS WITH ANY CHEMICAL SUBSTANCE CAUTION AND CARE WILL PREVENT UNNECESSARY ACCIDENTS AND SAFETY PROBLEMS. READ INSTRUCTIONS ON LABEL BEFORE USE.

FOLLOW INSTRUCTIONS ON LABEL.

EXPLANATIONS OF SYMBOLS OR ABBREVIATIONS: NE=NOT ESTABLISHED  
NA=NOT AVAILABLE OR APPLICABLE

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**COMMONWEALTH OF PENNSYLVANIA ADDENDUM TO THE  
MATERIAL SAFETY DATA SHEET**

**PRODUCT NAME:** ROSCOBOND  
**EFFECTIVE DATE:** 2/1/94

ALL OF THE MATERIALS IN THIS PRODUCT THAT ARE REQUIRED BY THE COMMONWEALTH OF PENNSYLVANIA TO BE IDENTIFIED ARE LISTED BELOW. IN ADDITION, SOME OF THE MATERIALS IDENTIFIED MAY HAVE BEEN PLACED BY THE COMMONWEALTH OF PENNSYLVANIA ON THEIR HAZARDOUS SUBSTANCE LIST.

<u>INGREDIENTS</u>	<u>CAS NUMBER</u>	<u>WEIGHT %</u>
<b>NON-HAZARDOUS TRADE SECRET INGREDIENT(S)</b>	<b>PROPRIETARY</b>	<b>30 - 60</b>
<b>WATER</b>	<b>7732-18-5</b>	<b>30 - 60</b>
<b>OCTYLPHENOL, ETHOXYLATED</b>	<b>9036-19-5</b>	<b>1 - 5</b>

THE SPECIFIC CHEMICAL IDENTITY OF ANY SUBSTANCE NOT IDENTIFIED WITH A CHEMICAL ABSTRACT SERVICE NUMBER IS BEING HELD AS A TRADE SECRET.

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**STATE OF CALIFORNIA ADDENDUM TO THE  
MATERIAL SAFETY DATA SHEET**

**PRODUCT NAME:** ROSCOBOND  
**EFFECTIVE DATE:** 2/1/94

THE CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT OF 1986, OTHERWISE KNOWN AS PROPOSITION 65, REQUIRES THAT PERSONS POTENTIALLY EXPOSED TO CERTAIN SUBSTANCES BE MADE AWARE OF THE CHRONIC EFFECTS OF THE SUBSTANCES SPECIFIED BY THE STATE OF CALIFORNIA.

THIS PRODUCT CONTAINS THE FOLLOWING SUBSTANCES KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER, BIRTH DEFECTS, OR OTHER REPRODUCTIVE HARM.

INGREDIENTS:  
**1,4-DIOXANE**  
**ETHYLENE OXIDE**