



RECEIVED OCT 27 1993

**CONSTRUCTION PRODUCTS DIVISION**

15 MERCEDES DRIVE  
MONTVALE, NJ 07645

88517

SEE HAZARD RATING DEFINITIONS PAGE 4

HAZARD RATING	Fire	Reactivity
4 = EXTREME	0	
3 = HIGH	1	
2 = MODERATE	0	
1 = SLIGHT		0
0 = INSIGNIFICANT		
* CHRONIC HEALTH HAZARD - SEE SECTION V		

DATE OF PREP  
8/22/89

**MATERIAL SAFETY DATA SHEET**

EMERGENCY PHONE NO  
DAY: (201) 391-0253  
NIGHT: (201) 573-5700

**SECTION I - IDENTIFICATION**

<b>PRODUCT NAME</b> POR-ROK ANCHORING CEMENT	
<b>PRODUCT CLASS</b> Gypsum	
<b>CODE NUMBER</b> 08-00484-000	<b>UN No.</b> NONE
<b>DOT</b>	<b>HAZARD CLASS (49CFR 172.101)</b> NONE
	<b>PROPER SHIPPING NAME (49CFR 172.101)</b> Hydraulic Cement

**SECTION II - INGREDIENTS**

PAINTS, PRESERVATIVES, SOLVENTS OR OTHER LIQUIDS, SOLIDS AND GASES	%	TLV (Units)
PIGMENTS		
CATALYST		
VEHICLE		
SOLVENTS		
ADDITIVES		
OTHERS		
Portland Cement	CAS #65997-15-1 - 2.0	50 mppcf
Calcium Sulphate	CAS #7778-18-9 68.0	50 mppcf
Crystalline Silica	CAS #14808-60-7 30.0	10 mg/M <sup>3</sup>
		÷ 8 SiO <sub>2</sub> +2

**SECTION III - PHYSICAL DATA**

<b>APPEARANCE</b> Gray Powder No Odor	<b>VAPOR DENSITY: HEAVIER/LIGHTER THAN AIR</b> (Air = 1) Not Applicable	
<b>SOLUBILITY IN WATER</b> Partial	<b>VAPOR PRESSURE</b> (mm Hg.) Not Applicable	<b>PERCENT VOLATILE BY VOLUME (%)</b> Not Applicable
<b>BOILING POINT (°F)</b> Not Applicable	<b>EVAPORATION RATE</b> (Butyl Acetate = 1) Not Applicable	<b>WEIGHT PER GALLON</b> 80# per cu. ft.

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# MATERIAL SAFETY DATA SHEET

<b>PRODUCT NAME</b>		
POR-ROK ANCHORING CEMENT		
<b>SECTION IV - FIRE AND EXPLOSION HAZARD DATA</b>		
<b>FLASHPOINT</b>	<b>FLAMMABLE LIMITS</b>	<b>UEL</b>
NA	LEL NA	NA
<b>EXTINGUISHING MEDIA</b>		<b>AUTOIGNITION TEMPERATURE</b>
Not Applicable		NA
<b>SPECIAL FIRE FIGHTING PROCEDURES</b>		
Not Applicable		
<b>UNUSUAL FIRE AND EXPLOSION HAZARDS</b>		
Not Applicable		
<b>SECTION V - HEALTH HAZARD DATA</b>		
<b>THRESHOLD LIMIT VALUE</b>		
See Page 5		
<b>EFFECTS OF OVEREXPOSURE - ROUTES OF EXPOSURE</b>		
<b>INGESTION:</b>	May cause obstruction.	
<b>INHALATION:</b>	Inhalation of silica dust can produce pneumoconiosis, commonly called silicosis, which is a chronic, slowly developing disease. Symptoms are dyspnea, pain in chest, decreased vital capacity and cough.	
<b>EYE CONTACT:</b>	Dust irritant.	
<b>SKIN CONTACT:</b>	Abrasive.	
<b>CARCINOGENICITY:</b>	NTP - No      OSHA - No      IARC - Yes	
<b>EMERGENCY AND FIRST AID PROCEDURES</b>		
<b>IF SWALLOWED:</b>	If patient is conscious, first give large quantities of water or milk, and then induce vomiting using syrup of ipecac according to directions or by touching back of patient's throat with finger. <b>CALL PHYSICIAN IMMEDIATELY.</b>	
<b>FOR EYE CONTACT:</b>	If present, remove contact lens, flush with plenty of water for at least 15 minutes. <b>CALL PHYSICIAN.</b>	
<b>FOR SKIN CONTACT:</b>	Wash thoroughly with soap and water. If irritation persists, consult a physician.	
<b>IF AFFECTED BY INHALATION:</b>	Remove to fresh air.	

# MATERIAL SAFETY DATA SHEET

<b>PRODUCT NAME</b>		POR-ROK ANCHORING CEMENT	
<b>SECTION VI - REACTIVITY DATA</b>			
<b>STABILITY</b>	<b>UNSTABLE</b>	<b>CONDITIONS TO AVOID</b>	
	<b>STABLE</b> XX		
<b>INCOMPATIBILITY (Materials to avoid)</b>		NONE	
<b>HAZARDOUS DECOMPOSITION PRODUCTS</b>			
NONE			
<b>HAZARDOUS POLYMERIZATION</b>	<b>MAY OCCUR</b>		<b>CONDITIONS TO AVOID</b>
	<b>WILL NOT OCCUR</b> XX		
<b>SECTION VII - SPILL OR LEAK PROCEDURES</b>			
<b>RCRA HAZARDOUS WASTE CLASSIFICATION</b>		NONE	<b>NUMBER</b>
			NONE
<b>CERCLA (SUPER FUND) REPORTABLE QUANTITY (RQ#)</b>			NONE
<b>STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED</b>			
Sweep up, but avoid creating excessive dust.			
<b>WASTE DISPOSAL METHOD</b>			
To landfill, slurry may plug drains.			
<b>SECTION VIII - SPECIAL PROTECTION INFORMATION</b>			
<b>RESPIRATORY PROTECTION</b>			
Use NIOSH approved respirator suitable for Crystalline Silica.			
<b>VENTILATION</b>			
Provide a constant flow of fresh air to meet TLV requirements. Open windows and doors or use other means to permit fresh air entry during application and drying.			
<b>PROTECTIVE GLOVES</b>		<b>EYE PROTECTION</b>	
Neoprene or Rubber Gloves		Goggles	
<b>OTHER PROTECTIVE EQUIPMENT</b>			
Have eye bath in vicinity of use.			

# MATERIAL SAFETY DATA SHEET

PRODUCT NAME

POR-ROK ANCHORING CEMENT

## SECTION IX - SPECIAL PRECAUTIONS

### PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Store only in original container. Wash with soap and plenty of water before eating, drinking, smoking or using toilet facilities. Material will harden with high humidity or wetness during storage.

### OTHER PRECAUTIONS

Avoid inhalation and use only with adequate ventilation. Remove contaminated clothing immediately and launder before reuse.

### KEEP OUT OF REACH OF CHILDREN

### N.F.P.A. HAZARD RATING DEFINITIONS

Minwax Company Inc. has provided hazard ratings solely as a convenience to its customers. However, since hazard ratings require subjective determinations, Minwax Company Inc. shall have no legal responsibility for the accuracy or significance of hazard ratings assigned or the use or reliance thereon.

### HEALTH HAZARD RATING CHART

0	INSIGNIFICANT	no significant risk to health
1	SLIGHT	irritation or minor reversible injury possible.
2	MODERATE	temporary or minor injury may occur.
3	HIGH	major injury likely unless prompt action is taken and medical treatment is given.
4	EXTREME	life threatening major or permanent damage may result from single or repeated exposures.

### FLAMMABILITY HAZARD RATING CHART

0	INSIGNIFICANT	materials which are normally stable and will not burn unless heated.
1	SLIGHT	materials that must be preheated before ignition will occur. Flammable liquids in this category will have flash points (the lowest temperature at which ignition will occur) at or above 200°F (NFPA Class 111B).
2	MODERATE	materials which must be moderately heated before ignition will occur, including flammable liquids with flash points at or above 100°F and below 200°F. (NFPA Class II and Class IIIA).
3	HIGH	materials capable of ignition under almost all normal temperature conditions, including flammable liquids with flash points below 73°F and boiling points above 100°F as well with flash points between 73°F and 100°F (NFPA Classes 1B and 1C).
4	EXTREME	very flammable gases or very volatile flammable liquids with flash points below 73°F and boiling points below 100°F (NFPA Class 1A).

### REACTIVITY HAZARD RATING CHART

0	INSIGNIFICANT	materials which are normally stable, even under fire conditions, and which will not react with water.
1	SLIGHT	materials which are normally stable, but can become unstable at high temperatures and pressures. These materials may react with water, but will not release energy violently.
2	MODERATE	materials which in themselves are normally stable and will readily undergo violent chemical change, but will not detonate. These materials may also react violently with water.
3	HIGH	materials which are capable of detonation or explosive reaction, but require a strong initiating source, or must be heated under confinement before initiation, or materials which react explosively with water.
4	EXTREME	these materials are readily capable of detonation or explosive decomposition at normal temperatures and pressures.

# MATERIAL SAFETY DATA SHEET

PRODUCT NAME

POR-ROK ANCHORING CEMENT

## SECTION V - HEALTH HAZARD DATA (continued)

THRESHOLD LIMIT VALUE

Silica (Respirable)	OSHA	TLV/TWA	10 mg/M <sup>3</sup> ÷ % SiO <sub>2</sub> + 2
	ACGIH	TLV/TWA	10 mg/M <sup>3</sup> ÷ % SiO <sub>2</sub> + 2
Silica (Total Dust)	OSHA	PEL	10 mg/M <sup>3</sup> ÷ % SiO <sub>2</sub> + 2
	OSHA	PEL	30 mg/M <sup>3</sup> ÷ % SiO <sub>2</sub> + 2
Portland Cement	OSHA	TLV/TWA	50 mppcf
	ACGIH	TLV/TWA	30 mppcf
	OSHA	PEL	50 mppcf
Calcium Sulphate (Respirable)	OSHA	TLV/TWA	5 mg/M <sup>3</sup>
	OSHA	PEL/TWA	5 mg/M <sup>3</sup>
Calcium Sulphate (Total Dust)	ACGIH	TLV/TWA	10 mg/M <sup>3</sup>
	OSHA	TLV/TWA	15 mg/M <sup>3</sup>
	OSHA	PEL/TWA	15 mg/M <sup>3</sup>