

# MATERIAL SAFETY DATA SHEET

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## SECTION I - PRODUCT INFORMATION:

Hydra Blok, Cure & Seal

PRODUCT IDENTIFIER: DEEP PENETRATING SEALER - CONDITIONER  
MANUFACTURER: EOS SYSTEMS  
Endur-O-Seal USA™, Inc.  
ADDRESS: 12502 Lazywood Lane  
Pinehurst, Texas 77362  
PRODUCT USE: Concrete sealer, Concrete Block Sealer, Concrete Product Vapor  
Barrier, Concrete Densifier, Hardener

EMERGENCY TELEPHONE NUMBER: 1-800-259-8855

## SECTION II - HAZARDOUS INGREDIENTS:

Hazardous Ingredients -0-	%	CAS/PIN	LD <sub>50</sub> (Species/Route)	LC <sub>50</sub> (Species)
Silicates/Bonding catalysts	34 bl	1344-09-8	(rat) 2000-3000 mg/kg	N/A
Penetrants/Gelling agents	1-5	Proprietary Mixture		

## SECTION III - PHYSICAL DATA:

PHYSICAL STATE: Liquid  
APPEARANCE AND ODOR: Colorless/ turbid liquid No Odor  
SOLUBILITY IN WATER: Yes  
FREEZING POINT: 30 F. BOILING POINT: 214 F. @ 760 mm Hg pH: 7./ 7.9 cured  
COEFF. WATER/OIL: NAV EVAPORATION RATE: N/A %VOLATILES: 90  
VAPOR DENSITY: N/A VAPOR PRESSURE: N/A

## SECTION IV - FIRE OR EXPLOSION HAZARD:

CONDITIONS OF FLAMMABILITY: None  
HAZARDOUS COMBUSTION PRODUCTS: None  
AUTOIGNITION TEMPERATURE: N/A MINIMUM IGNITION ENERGY: N/A  
FLAMMABLE LIMITS: (LOWER) N/A (UPPER) N/A FIRE POINT: N/A  
FLASH POINT & METHOD: N/A SENSITIVITY TO MECHANICAL IMPACT: N/A  
SENSITIVITY TO STATIC DISCHARGE: N/A

SPECIAL PROCEDURES: None

MEANS OF EXTINCTION: Non-combustible Water spray or CO<sub>2</sub>, or foam may be used  
In areas where this product is stored.

### KEY:

NAV = Not Available  
N/A = Not Applicable

**SECTION V - REACTIVITY DATA:**

CONDITIONS OF REACTIVITY: Product is stable.  
CHEMICAL INCOMPATIBILITY: Gels when mixed with acids.  
CONDITIONS OF INSTABILITY: Under normal conditions, product is stable.  
HAZARDOUS DECOMPOSITION PRODUCTS: None

**SECTION VI - TOXICOLOGICAL PROPERTIES:**

ROUTES OF ENTRY: Skin contact, eye contact, inhalation, or ingestion.  
EXPOSURE LIMITS: PEL - 2 mg/m<sup>3</sup> ceiling as NaOH \* TLV - 2 mg/m<sup>3</sup> ceiling as NaOH  
Na<sub>2</sub>O-SiO<sub>2</sub>  
EFFECTS OF ACUTE EXPOSURE: Irritating to eyes, skin, mucous membranes of the respiratory tract,  
Mouth, throat or esophagus.  
EFFECTS OF CHRONIC EXPOSURE: No known chronic effects.  
MUTAGENICITY: None  
CARCINOGENICITY: None  
IRRITANCY: Skin, eyes, respiratory and digestive tracts.  
TERATOGENICITY: None  
REPRODUCTIVE TOXICITY: None  
SENSITIZATION: None

**SECTION VII - PREVENTIVE MEASURES:**

PERSONAL PROTECTIVE EQUIPMENT: Use paper face mask or NIOSH/MSHA approved respirator if spraying as standard safety operating practice. Use safety goggles for eye protection. Rubber gloves and standard work clothing and shoes.  
ENGINEERING CONTROLS: Where mist or spray may be generated, use adequate local exhaust ventilation.  
STORAGE REQUIREMENTS: Store between 40 F and 110 F.  
HANDLING PROCEDURES/EQUIPMENT: Use normal handling procedures for liquid products.  
LEAK/SPILL PROCEDURES: Use absorbent materials or mop and flush with water.  
WASTE DISPOSAL: Use absorbent material and dispose of according to local or federal laws.

**SECTION VIII - FIRST AID MEASURES:**

INHALATION: Remove to fresh air. If breathing becomes difficult, administer oxygen.  
EYES: Flush with water for fifteen minutes; hold eyelids open.  
SKIN: Wash with cool water for fifteen minutes.  
OTHER: Swallowed; Do not induce vomiting. Drink water or milk. If conditions persist, get medical Attention

**TRANSPORT INFORMATION**

DOT SHIPPING NAME: AQUEOUS SILICATE DISPERSION AGENT–SEALER-CONDITIONER  
DOT HAZARD CLASS: CLASS 55  
PLACARDS: N/A

**SECTION IX - PREPARATION INFORMATION:**

PREPARED BY: ENDUR-O-SEAL USA™, INC.  
TELEPHONE NUMBER: 1-800-259-8855 DATE OF PREPARATION: Revision date:1/1/98

**KEY** NAV = Not Available N/A = Not Applicable NF = None Found