

MATERIAL SAFETY DATA SHEET



CONSEAL™
Concrete Sealants INC.

CS-1500

Moisture Cure Elastomeric Sealant

ISSUE DATE: 08/09/2004, REVISION DATE: 02/23/2010

SECTION 1 PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: CS-1500
PRODUCT DESCRIPTION: Moisture Cure Elastomeric Sealant

MANUFACTURER'S NAME: CONCRETE SEALANTS, INC.
STREET ADDRESS: 9325 SR 201, Tipp City, OH 45371
PHONE: 1-800-332-7325 or 937-845-8776

SECTION 2 COMPOSITION/ INFORMATION ON INGREDIENTS

<u>HAZARDOUS COMPONENTS</u>	<u>CAS NO.</u>	<u>% COMPOSITION</u>
Amino silane	1760-24-3	1-5%

SECTION 3 HAZARDS IDENTIFICATION

HUMAN EFFECTS AND SYMPTOMS OF EXPOSURE

ROUTES OF ENTRY: Dermal contact, Eye.

ACUTE EYE CONTACT: Direct contact can cause severe irritation.

ACUTE SKIN CONTACT: Direct contact may cause slight irritation.

SKIN ABSORPTION: Not toxic.

ACUTE INHALATION: Product is extremely low in volatility and therefore not likely to pose a problem from inhalation.

ACUTE INGESTION: May be harmful if ingested, not a likely route of entry.

CHRONIC EFFECTS OF EXPOSURE: Repeated or prolonged direct contact to eyes may cause chemical burns. Repeated or prolonged direct contact with skin may cause dermatitis.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Preexisting skin and eye disorders may be aggravated by direct contact with this product.

CARCINOGENICITY: There are no components in this product that are listed as a carcinogen by NTP, IARC, ACGIH, or OSHA.

SECTION 4 FIRST AID MEASURES

EYES: Flush with large amounts of water for at least 15 minutes. Consult a physician if ill effects or irritation occurs.

SKIN: Clean product from affected areas with ethyl alcohol, then wash with soap and water.

INHALATION: An unlikely route of entry. Remove to fresh air. Consult a physician.

INGESTION: An unlikely route of entry. Consult a physician.

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SECTION 5 FIRE FIGHTING MEASURES

SPECIAL FIRE FIGHTING INSTRUCTIONS: None. Full emergency equipment with self-contained breathing apparatus and full protective clothing should be worn by the firefighters.

EXTINGUISHING MEDIA: Water, carbon dioxide, dry chemical, foam.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None. This product is not considered flammable.

FLASHPOINT: Not applicable.

UPPER FLAMMABLE LIMIT: Not applicable.

LOWER FLAMMABLE LIMIT: Not applicable.

AUTOIGNITION TEMPERATURE: Not applicable.

SENSITIVITY TO IMPACT: Not applicable.

SENSITIVITY TO STATIC DISCHARGE: Not applicable.

HAZARDOUS COMBUSTION PRODUCTS: Thermal decomposition may produce toxic fumes of carbon monoxide and/or carbon dioxide.

SECTION 6 ACCIDENTAL RELEASE MEASURES

PERSONAL PROTECTION: Use personal protection recommended in section 8.

METHODS FOR CLEAN UP: Collect spill with absorbant material such as cardboard and place into a container approved for waste disposal.

SECTION 7 STORAGE AND HANDLING

HANDLING: Use personal protection recommended in section 8. Avoid eye, skin, and clothing contact.

STORAGE: Store in a cool dry area (this product polymerizes when in contact with moisture.) Protect from rain and excessive heat until ready to use.

SECTION 8 EXPOSURE CONTROLS/ PERSONAL PROTECTION

EXPOSURE GUIDELINES: No established limits.

ENGINEERING CONTROLS: No specific controls are needed.

PERSONAL PROTECTIVE EQUIPMENT:

EYE PROTECTION: Wear safety glasses or goggles to avoid eye contact.

SKIN PROTECTION: Wear impervious gloves such as vinyl to minimize contact with skin.

RESPIRATORY PROTECTION: Not required.

WORK/HYGENIC PRACTICES: Avoid contact with eyes and skin. Wash thoroughly after handling and before eating or drinking.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

SPECIFIC GRAVITY (H₂O=1): 1.60

VAPOR DENSITY (AIR=1): >1

VAPOR PRESSURE (mmHg): Not established.

VOC CONTENT @ 240°F: <19g/L ASTM D2369, EPA Method 24

EVAPORATION RATE (BuAc=1) : Not applicable.

BOILING POINT: Not established.

FREEZING POINT: Not established.

pH: Not established.

VISCOSITY: 800,000 cps

DENSITY: approximately 13.35 lbs/gal

PHYSICAL STATE: Paste (reacts with moisture to become a firm elastomeric synthetic rubber).

APPEARANCE / ODOR : Mild ester odor, thick grey paste.

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SECTION 10 STABILITY AND REACTIVITY

STABILITY: Considered stable.

CONDICTIONS TO AVOID: None Known.

MATERIALS TO AVOID: None known.

HAZARDOUS DECOMPOSITION PRODUCTS: None known.

HAZARDOUS POLYMERIZATION: Will not occur.

REACTIVITY: Hazardous reaction will not occur.

This product reacts with moisture to become a firm elastomeric synthetic rubber. Keep lids secure and product from moisture sources until required applications.

SECTION 11 TOXICOLOGICAL INFORMATION

Information listed below are based on Amino silane (refer to section 2).

Oral – Result: LD50>2,000 mg/kg. Remark: Very low order of toxicity.

Skin Absorption – Result: LD50>2,00 mg/kg. Remark: Very low order of toxicity.

Skin Direct Contact – Result: Slight irritation.

Eye Direct Contact – Result: Severe irritation. Remark: Causes corneal injury.

Inhalation – Result: LC50 not acutely toxic.

Exposure Limits: Not applicable.

SECTION 11 TOXICOLOGICAL INFORMATION (Continued)

Sensitization: No.

Reproductive Toxicity: No.

Mutagenicity: No.

Teratogenicity: No.

Synergistic Products: None.

SECTION 12 ECOLOGICAL INFORMATION

No known applicable information.

SECTION 13 DISPOSAL CONSIDERSTIONS

If this product as supplied becomes a waste, it does not meet the criteria of a hazardous waste as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. This product becomes a firm elastomeric synthetic rubber when cured. Please allow to cure before disposal.

SECTION 14 TRANSPORT INFORMATION

Special Shipping Information – None.

DOT – Not regulated.

TDG – Not available.

PIN – Not available.

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SECTION 15 REGULATORY INFORMATION

OSHA 29 CFR 1910-1200 – Irritant.

TSCA – All components of this product are listed on TSCA inventory.

CERCLA Reportable Quantity – Not applicable.

SARA Title III:

Section 302 Extremely Hazardous Substances – None.

Section 304 – Not Applicable.

Section 311/312 – Immediate (acute) health hazard.

Section 313 – None.

RCRA – Refer to Section 13.

California Proposition 65 – this product contains no levels of listed substances which the state of California has found to cause cancer, birth defects or other reproductive harm.

WHIMS Classification – D2B.

SECTION 16 OTHER INFORMATION

Prepared in accordance with 29 CFR 1910.1200.

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulation (CPR) and the MSDS contains all of the information required by the CPR.

The information and recommendations provided herein are believed to be accurate at the time of preparation obtained from sources believed to be reliable. Concrete Sealants, Inc., makes no warranty, expressed or implied, concerning this document or the accuracy of the information contained herein.

The information and recommendations contained herein are not intended to relieve the reader of responsibility to investigate and understand the laws, procedures, and regulations applicable to the readers enterprise, not to relieve the reader of responsibility to comply with laws applicable to the readers enterprise and place of business and to verify independently the information provided in this document as it may relate to the reader's specific process or application.

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