

CONSTRUCOLOR® S02

WATER BASE ACRYLIC CURING & SEALING COMPOUND

SELLADOR Y MEMBRANA DE CURADO ACRILICA BASE AGUA

MATERIAL SAFETY DATA SHEET

MANUFACTURER:

USA:

Construcolor USA, Ltd. P. O. Box 333 Laredo, TX 78042 Phone: (210) 764-2700
Emergency Phone Toll Free: 1 (866) 6 44 8324

MEXICO:

Construcolor Latinoamericana S.A. de C.V. Tamaulipas 771 Monterrey N.L. Mexico
Phone/Fax +52 81 8315 0120

1. CHEMICAL PRODUCT

Product: Sealer S02 Acrylic Emulsion

Product Code: AA048

2. COMPOSITION/INFORMATION ON INGREDIENTS

No.	CAS REG NO	WEIGHT (%)
1	P (BA/MMA) 25852-37-3	24.5 - 25.5
2	Residual monomers not required	<0.03
3	Aqua ammonia 1336-21-6	0.1 MAX
4	Water 7732-18-5	74 - 75

Polymeric description(s) presented in this section are the U.S. Toxic Substances Control Act (TSCA) definitions.

3. HAZARDS IDENTIFICATION

Primary Routes of Exposure:

Inhalation: Inhalation of vapor or mist can cause headache, nausea, irritation of nose, throat, and lungs
Eye Contact: Direct contact with material can cause the following slight irritation.
Skin Contact: Prolonged or repeated skin contact can cause the following slight skin irritation.

4. FIRST AID MEASURES

Inhalation: Move subject to fresh air.
Eye Contact: Flush eyes with large amount of water for at least 15 minutes. Consult a physician if irritation persists.
Skin Contact: Wash affected skin areas thoroughly with soap and water. 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.

5. FIRE FIGHTING MEASURES

Flash Point: Noncombustible
Auto-ignition temperature: Not Applicable
Lower Explosive Limit: Not Applicable
Upper Explosive Limit: Not Applicable
Unusual Hazards: Material can splatter above 100C/212F. Dried product can burn
Extinguishing Agents: Use extinguishing media appropriate for surrounding fire.
Personal Protective Equipment:

Wear self-contained breathing apparatus (pressure-demand MSHA/NIOSH approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

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Personal Protection:

Appropriate protective equipment must be worn when handling a spill of this material. See SECTION 8, Exposure Controls/Personal Protection, for recommendations. If exposed to material during clean-up operations, see SECTION 4, First Aid Measures, for actions to follow.

Procedures:

Keep spectators away. Floor may be slippery, use care to avoid falling. Contain spills immediately with inert materials (e.g. sand, earth) Transfer liquids and solid diking material to separate suitable containers for recovery or disposal.

CAUTION:

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

7. HANDLING AND STORAGE

Storage Conditions:

Keep from freezing, material may coagulate. The minimum recommended storage temperature for this material is 1C/34F. The maximum recommended storage temperature for this material is 60C/140F.

Handling Procedures:

Monomer vapors can be evolved if material is heated. See SECTION 8, Exposure Controls/Personal Protection, for types of ventilation required.

NOTE:

Formaldehyde will be generated under acidic conditions. Maintain adequate ventilation under these conditions to prevent exposure to formaldehyde above a recommended ceiling of 0.3 ppm.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limit Information:

No.		CAS REG NO	WEIGHT (%)
1	P (BA/MMA)	25852-37-3	24.5 - 25.5
2	Residual monomers	not required	<0.03
3	Aqua ammonia	1336-21-6	0.1 MAX
4	Water	7732-18-5	74 - 75

Comp.	Units	OSHA		ACGIH	
		TWA	STEL	TWA	STEL
1		None	None	None	None
2		a	a	a	a
3	ppm	None	35b	25b	35b
4		None	None	None	None

- a) Not required
- b) As Ammonia

The CAS # of the polymer component(s) disclosed above provides information about the major monomers used to manufacture the product. Trace levels of these monomers may be present.

Respiratory Protection:

A respiratory protection program meeting OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use. None required if airborne concentrations are maintained below the exposure limit listed in "Exposure Limit Information", wear a MSHA/NIOSH approved (or equivalent) half-mask,

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air purifying respirators should be equipped with an ammonia/methylamine cartridge.

Eye Protection: Use chemical splash goggles (ANSI Z87.1 or approved equivalent)
Hand Protection: The glove(s) listed below may provide protection against permeation. Gloves of other chemically resistant materials may not provide adequate protection.
Ventilation: Use local exhaust ventilation with a minimum capture velocity of 100 ft/min. (0.5 m/sec) at the point of vapor evolution. Refer to the current edition of Industrial Ventilation: A Manual of Recommended Practice published by the American Conference of Governmental Industrial Hygienist for information on the design, installation, use, and maintenance of exhaust systems.

Other Protective Equipment: Facilities storing or utilizing this material should be equipped with an eyewash facility.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Milky
Color: White
State: Liquid
Odor Characteristic: Ammonia odor
Ph: 9.0 to 10.0
Specific Gravity (Water=1): 1.0 to 1.2
Vapor Density (Air=1): < 1 Water
Vapor Pressure: 17 mm Hg @ 20° C/68° F Water
Melting Point: 0° C/32° F Water
Boiling Point: 100° C/212° F Water
Solubility in Water: Dilutable
Percent Volatility: 74% to 75% water
Evaporation Rate (BAc=1): < 1 Water
See section 5, Fire Fighting Measures

10. STABILITY AND REACTIVITY

Instability: This material is considered stable. However, avoid temperatures above 177C/350F, the onset of polymer decomposition. Thermal decomposition is dependent on time and temperature.

Hazardous Decomposition: Thermal decomposition may yield acrylic monomers.
Hazardous Polymerization: Product will not undergo polymerization.
Incompatibility: There are no known materials which are incompatible with this product.

11. TOXICOLOGICAL INFORMATION

Acute Data: No toxicity data are available for this material.
The information shown in SECTION 3, Hazards Identification, is based on the toxicity profiles for a number of acrylic emulsions that are compositionally similar to this product.

Typical data are: Oral LD50-rat: >5000 mg/kg
Dermal LD50-rabbit: >5000 mg/kg
Skin irritation – rabbit: practically non-irritating
Eye irritation – rabbit: inconsequential irritation.

12. ECOLOGICAL INFORMATION

No applicable Data.

13. DISPOSAL CONSIDERATIONS

Procedures: Coagulate the emulsion by stepwise addition of ferric chloride and lime. Remove the clear supernatant and flush to a chemical sewer. Landfill or incinerate remaining solids in accordance with local, state and federal regulations.

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14. TRANSPORT INFORMATION

US DOT Hazard Class: NONREGULATED

15. REGULATORY INFORMATION

Workplace Classification: This product is considered non-hazardous under de OSHA Hazard Communication Standard (29CFR 1910.1200).

This product is not a controlled product under de Canadian Workplace Hazardous Materials Information System (WHMIS).

SARA TITLE 3: Section 311/312 Categorizations (40CFR 370)
This product is not a hazardous chemical under 29 CFR 1910.1200, and therefore is not covered by Title III of SARA.

SARA TITLE 3: Section 313 Information (40CFR 372)
This product does not contain a chemical which is listed in Section 313 at or above minimms concentrations.

CERCLA (40CFR 302.4):
Releases of this material to air, land, or water are not reportable for the National Response Center under de Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) or to state and local emergency planning committees under the Superfund Amendments and Reauthorization Act (SARA) title III Section 304.

Waste Classification:
When a decision is made to discard this material as supplied, it does not meet RCRA's characteristics definition of ignitability, corrosivity, or reactivity, and is not listed in 40 CFR 261.33. The toxicity characteristic (TC), however, has not evaluated by the Toxicity Characteristic Leaching Procedure (TCLP)

United States:
All components of this product are in compliance with the inventory listing requirements of the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

16. OTHER INFORMATION

		Scale
Toxicity	1	4 = EXTREME
Fire	0	3 = HIGH
Reactivity	0	2 = MODERATE
Special	-	1 = SLIGHT
		0 = INSIGNIFICANT

HMIS Hazard Ratings: HEALTH = 1 FLAMMIBILITY = 0 REACTIVITY = 0

PERSONAL PROTECTION:

See Section 8, Exposure Controls/Personal Protection for recommended handling of material as supplied, check with supervisor for your actual use condition.

Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Severe 4 = Chronic Effects

(See Section 3, Hazards Identifications)

ABBREVIATIONS:

ACGIH: American Conference of Governmental Industrial Hygienists
OSHA: Occupational Safety and Health Administration
TLV: Threshold Limit Value
PEL: Permissible Exposure Limit

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TWA: Time Weighted Average
STEL: Short-Term Exposure Limit
BAC: Butyl acetate

The information contained herein relates only the specific material identified. Construcolor Latinoamericana believes that such information is accurate and reliable as of the date of this material safety data sheet, but no representation, guarantee or warranty, expressed or implied, is made as to the accuracy, reliability, or completeness of the information. Construcolor Latinoamericana urges persons receiving this information to make their own determination as to the information's suitability and completeness for their particular application.