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SEALER 60 SAFETY DATA SHEET

Section 1. Product and Company Identification

Product Name:	SEALER 60
Product Use Description:	Coatings
Company:	Stella Sealants Corporation
Address:	6915 15th street east, ste 201 Sarasota, FL 34243, USA
Website:	www.stellasealants.com
Email:	info@stellasealants.com
Telephone:	+1(941)357-1566
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24 Hour Emergency Number	(844)200-1672

Section 2. Hazards Identification

Emergency Overview

Appearance

Form	liquid
Color	Milky white
Odor	Ammonia odor
Hazard Summary	CAUTION! INHALATION OF VAPOR OR MIST CAN CAUSE HEADACHE, NAUSEA AND IRRITATION OF THE NOSE, THROAT AND LUNGS. MAY CAUSE EYE AND SKIN IRRITATION.

Potential Health Effects

Primary Routes of Entry:	Inhalation Eye contact Skin contact
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Eyes: Direct contact with material can cause the following:

slight irritation

Skin: Prolonged or repeated skin contact can cause the following:

slight irritation

Inhalation: Inhalation of vapor or mist can cause the following:

irritation of nose, throat, and lungs

headache

nausea

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Section 3. Hazardous Composition/Information on Ingredients

Component	CAS No.	Weight %
Acrylic polymer(s)	Not Hazardous	30.0 - 50.0 %
Residual monomers	Not Required	< 0.02 %
Aqua ammonia	1336-21-6	<= 0.1 %
Water	7732-18-5	50 - 75.0 %

Section 4. First Aid Measures

Skin Contact:	Wash with water and soap as a precaution. If skin irritation persists, call a physician.
Eye Contact:	Rinse with plenty of water. If eye irritation persists, consult a specialist.
Inhalation:	Move to fresh air.
Ingestion:	Drink 1 or 2 glasses of water. Consult a physician if necessary. Never give anything by mouth to an unconscious person.

Section 5. Firefighting Measures

Flash point	Noncombustible
Lower explosion limit	Not applicable
Upper explosion limit	Not applicable
Thermal decomposition	Thermal decomposition may yield acrylic monomers.
Suitable extinguishing media:	Use extinguishing media appropriate for surrounding fire.
Specific hazards during fire-fighting:	Material can splatter above 100C/212F. Dried product can burn.
Special protective equipment for fire-fighters:	Wear self-contained breathing apparatus and protective suit.

Section 6. Accidental Release Measures

Personal precautions

Use personal protective equipment.
Keep people away from and upwind of spill/leak.
Material can create slippery conditions.

Environmental precautions

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

Methods for cleaning up

Contain spills immediately with inert materials (e.g., sand, earth).
Transfer liquids and solid diking material to separate suitable containers for recovery or disposal.

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Section 7. Handling and Storage

Handling

Avoid contact with eyes, skin and clothing.
Wash thoroughly after handling.
Keep container tightly closed.
Do not breathe vapors, mist or gas.

Further information on storage conditions: Keep from freezing - product stability may be affected.
STIR WELL BEFORE USE.

Storage

Storage temperature: 1 - 49 °C (34 - 120 °F)

Other data: Monomer vapors can be evolved when material is heated during processing operations.
See SECTION 8, for types of ventilation required.

Section 8. Exposure Control/Personal Protection

Exposure limit(s)

Exposure limits are listed below, if they exist.

Component	Regulation	Type of listing	Value
Aqua ammonia		TWA	10 ppm
		STEL	20 ppm
	ACGIH	TWA	25 ppm
	ACGIH	STEL	35 ppm
	NIOSH/GUIDE	REL	18 mg/m3 25 ppm
	NIOSH/GUIDE	STEL	27 mg/m3 35 ppm
	OSHA_TRANS	PEL	35 mg/m3 50 ppm
	Z1A	STEL	27 mg/m3 35 ppm

Eye protection: Safety glasses with side-shields Eye protection worn must be compatible with respiratory protection system employed.

Hand protection: The glove(s) listed below may provide protection against permeation.

(Gloves of other chemically resistant materials may not provide adequate protection): Neoprene gloves

Respiratory protection: A respiratory protection program meeting OSHA 1910.134 and ANSI Z88.2 requirements or equivalent 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.

For airborne concentrations up to 10 times the exposure limit, wear a properly fitted NIOSH approved (or equivalent) half-mask, air-purifying respirator.

Air-purifying respirators should be equipped with NIOSH approved (or equivalent) ammonia/methylamine cartridges and N95 filters.

If oil mist is present, use R95 or P95 filters.

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

Engineering measures: 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 Hygienists for information on the design, installation, use, and maintenance of exhaust systems.

Section 9. Physical and Chemical Properties

Appearance

Form	liquid
Color	White Milky
Odor	Ammonia odor
pH	8.2 - 8.7
Boiling point/boiling range	100 °C (212.00 °F) Water
Melting point/range	0 °C (32 °F) Water
Flash point	Noncombustible
Lower explosion limit	Not applicable
Upper explosion limit	Not applicable
Vapour pressure	17.0 mmHg at 20 °C (68.00 °F) Water
Relative vapour density	<1.0 Water
Water solubility	Dilutable
Relative density	1.00 - 1.20
Viscosity, dynamic	800.000 mPa.s maximum
Evaporation rate	<1.00 Water
Percent volatility	21 - 23 % Water

NOTE: The physical data presented above are typical values and should not be construed as a specification.

Section 10. Stability and Reactivity

Hazardous reactions	None known. Stable
Materials to avoid	There are no known materials which are incompatible with this product.
Polymerization	Product will not undergo polymerization.

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Section 11. Toxicological Information

No data are available for this material.

The information shown is based on profiles of compositionally similar materials.

Acute oral toxicity	LD50 rat > 5,000 mg/kg
Acute dermal toxicity	LD50 rabbit > 5,000 mg/kg
Skin irritation	Rabbit May cause transient irritation.
Eye irritation	Rabbit No eye irritation

Section 12. Ecological Information

There is no data available for this product.

Section 13. Disposal Considerations

Environmental precautions:

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

Disposal

Waste Classification: When a decision is made to discard this material as supplied, it does not meet RCRA's characteristic definition of ignitability, corrosivity, or reactivity, and is not listed in 40 CFR 261.33.

The toxicity characteristic (TC), however, has not been evaluated by the Toxicity Characteristic Leaching Procedure (TCLP).

Coagulate the emulsion by the stepwise addition of ferric chloride and lime.

Remove the clear supernatant and flush to a chemical sewer.

For disposal, incinerate or landfill at a permitted facility in accordance with local, state, and federal regulations.

Section 14. Transport Information

DOT/TDG Not regulated for transport

IMO/IMDG Not regulated (Not dangerous for transport)

Transportation classifications may vary by container volume and may be influenced by regional or country variations in regulations.

Section 15. Regulatory Information

Workplace Classification

OSHA: This product is considered non-hazardous under the OSHA Hazard Communication Standard (29CFR1910.1200).

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

WHMIS Classification

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

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Canada. Environmental Protection Act (DSL): All components of this product are in compliance with the inventory listing requirements of the New Substances Notification Regulations.

US. Toxic Substances Control Act (TSCA): 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.

Section 16. Other Information

Hazard Rating	Health	Fire	Reactivity
HMIS	1	0	0

Legend

ACGIH	American Conference of Governmental Industrial Hygienists
BAC	Butyl acetate
OSHA	Occupational Safety and Health Administration
PEL	Permissible Exposure Limit
STEL	Short Term Exposure Limit (STEL)
TLV	Threshold Limit Value
TWA	Time Weighted Average (TWA)
	Bar denotes a revision from prior SDS

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication.

The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification.

The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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