



1. CHEMICAL PRODUCT & COMPANY IDENTIFICATION

AQUEOUS ROOF MASTIC FORMULATION

PRODUCT CODE: E*LAS*TEK #139

MSDS DATE: 02/24/2010

KEY:

COMPANY IDENTIFICATION

Structural Elastomeric Products, Inc.
3700 S. Palo Verde Road
Tucson, Arizona 85713

EMERGENCY TELEPHONE NUMBERS

Health Emergency: 877-352-7835
Spill Emergency: 877-352-7835

2. COMPOSITION/INFORMATION ON INGREDIENTS

No	CAS REG NO	WEIGHT (%)
1 Acrylic polymer	Not Hazardous	53.0-56.0%
2 Residual monomer(s)	Not Required	<0.05%
3 Aqua Ammonia	1336-21-6	<+0.65%
4 Water	7732-18-5	44.0-47.0%

See Section 8, Exposure Controls / Personal Protection

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

APPEARANCE

Form Liquid, Milky
Color White
Odor Ammonia

PRIMARY ROUTES OF EXPOSURE

Inhalation
Skin Contact
Eye Contact

INHALATION

Inhalation of vapor or mist can cause the following:
Irritation of nose, throat and lungs
Headache - nausea

EYE CONTACT

Material can cause the following:
Moderate irritation

SKIN CONTACT

Prolonged or repeated skin contact can cause the following:
Irritation, if not promptly washed from skin

INGESTION

Consult a physician NOTES TO PHYSICIAN: Toxicology studies of similar materials have shown the material to be of very low acute toxicity. There is no specific antidote. Treatment of overexposure should be directed at the control of the symptoms and clinical condition.

4. FIRST AID MEASURES

INHALATION

Move subject to fresh air

EYE CONTACT

Flush eyes with a large amount of water for at least 15 minutes.
Consult a physician if irritation persists.

SKIN CONTACT

Remove contaminated clothing. Wash affected skin areas thoroughly with soap and water. Consult a physician if irritation persists. Wash contaminated clothing thoroughly before reuse. Do not take clothing home to be laundered.

INGESTION

If swallowed, give 2 glasses of water to drink. Never give anything by mouth to an unconscious person. Consult a physician.

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 100 C/212 F. Dried product can burn.

EXTINGUISHING AGENTS

Use extinguishing media appropriate for surrounding fire.

PERSONAL PROTECTIVE EQUIPMENT

As in any fire, wear self-contained breathing apparatus (pressure-demand, MSHA/NIOSH approved or equivalent) and full protective gear.

SPECIAL PROCEDURES

Use water spray to cool containers exposed to fire.

6. ACCIDENTAL RELEASE MEASURES

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 runoff out of municipal sewers and open bodies of water.

7. HANDLING & STORAGE

STORAGE CONDITIONS

The minimum recommended storage temperature for this material is 1C/34F. The maximum recommended storage temperature is 60C/140F. Keep from freezing; material may coagulate. Do not store this material near food, feed or drinking water.

HANDLING PROCEDURES

Do not handle material near food, feed or drinking water.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE LIMIT INFORMATION

No	CAS REG NO	WEIGHT (%)
1 Acrylic polymer	Not Hazardous	35.0 MAX
2 Titanium dioxide	13463-67-7	129.88 MAX
3 Limestone	1317-65-3	_____
4 Fused silica	60676-86-0	_____
5 Silicates	Mixture	_____
6 Water	7732-18-5	35.0 MAX
7 Aqua ammonia	1336-21-6	00.1 MAX
8 Residual monomer(s)	Not Required	00.1 MAX

Comp No	Units	OSHA		ACGIH	
		TWA	STEL	TWA	STEL
1		None	None	None	None
2	mg/m3	10 b	None	10 b	None
3	mg/m3	5 a	None	10 b	None
4	mg/m3	0.1a	None	0.1 a	None
5		None	None	None	None
6	ppm	50	None	50	None
7		None	None	None	None
8	ppm	None	35	25	35
9		None	None	None	None

- a Respirable Fraction
b Total Dust
c Ceiling

RESPIRATORY PROTECTION

None required if airborne concentrations are maintained below the exposure limit listed in 'Exposure Limit Information'. 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.

For airborne concentrations up to 10 times the exposure limit, wear a properly fitting MSHA/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 P95 or P95 filters.

EYE PROTECTION

Safety glasses with side-shields. Use chemical splash goggles (ANSI Z87.1 or approved equivalent). Eye protection worn must be compatible with respiratory protection system employed.

HAND PROTECTION

Chemical-resistant gloves should be worn whenever this material is handled.

The glove(s) listed below may provide protection against permeation. Gloves of other chemically resistant materials may not provide adequate protection:

- Neoprene

Gloves should be removed and replaced immediately if there is any indication of degradation or chemical breakthrough. Rinse and remove gloves immediately after use. Wash hands with soap and water.

ENGINEERING CONTROLS (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 & CHEMICAL PROPERTIES

Appearance

Form	Liquid, milky
Color	White
Odor	Ammonia
pH	9.5-11.0

Boiling point/boiling range	100°C /212°F water
Melting point/range	0°C (32° F) water
Flash point	Noncombustible
Lower explosion limit	N/A
Upper explosion limit	N/A
Vapor pressure	17.0 mmHg at 20°C (68°F)
Relative vapor density	<1.0 water
Water solubility	Soluble
Relative density	1.00 - 1.20
Viscosity, dynamic	50-350 mPa.s
Evaporation Rate (BAC = 1)	< 1.0 water
Volatile Organic Compound (VOC)	< 50 g/l

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

10. STABILITY AND REACTIVITY

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

11. TOXICOLOGICAL INFORMATION

No toxicity data is 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.

12. ECOLOGICAL INFORMATION

No applicable data.

13. DISPOSAL CONSIDERATIONS

PROCEDURE

Incinerate liquid and contaminated solids in accordance with local, state and federal regulations.

14. TRANSPORT INFORMATION

US DOT Hazard ClassNONREGULATED

15. REGULATORY INFORMATION

WORKPLACE CLASSIFICATION

This product is considered non-hazardous under the OSHA Hazard Communication Standard (29CFR 1910.1200).

This product is a 'controlled product' under the Canadian Workplace Hazardous Materials Information System (WHMIS).

CERCLA INFORMATION (40CFR 302.4)

Releases of this material to air, land or water are not reportable to the National Response Center under the 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.

The information provided in this MSDS is correct to the best of our knowledge, information, and belief at the date of publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal, and release and is not considered a warranty or quality specification. The information relates only to the specific materials designated and may not be valid for such materials used in combination or with other materials or in any process, unless specified in the text.

SARA 313 COMPONENT

Ethylene glycol	107-21-1	0-4%
Ammonia	7664-41-7	0-2%
Formaldehyde	50-00-0	0-2%

WASTE CLASSIFICATION

When a decision is made to discard this mater as supplied, it is classified as RCRA non-hazardous waste.