MATERIAL SAFETY DATA SHEET

1. PRODUCT IDENTIFICATION

Product: HP-1000 Elastomeric Roof Coating – Reflective White
MSDS Date: 09-01-10

2. COMPANY IDENTIFICATION

Acrymax Technologies Inc. - Preservation Products Inc.
221 Brooke Street
Media, PA 19063
www.acrymax.com www.preservationproducts.com
Emergency Phone # 610-566-7473 or 610-357-4355
Information Phone # 800-553-0523

3. INGREDIENTS

#	Ingredient	CAS Reg. #	Weight (%)	Vapor Pressure mm Hg @ Temp	Occupational Exposure Limits
1	Aqua Ammonia	1336-21-6	<1.00	755.00 mm Hg @ 80°F	ACGIH TWA 25 ppm
2	Propylene Glycol	57-55-6	1 – 5	0.22 mm Hg @ 68°F	None established
3	Acrylic Polymers	NA	15 – 25	NA	NA
4	Calcium Carbonate	1317-65-3	30 – 40	NA	10 mg/m^3 (dust)
5	Zinc Oxide	1314-13-2	1 – 5	NA	10 mg/m^3 (dust) TLV
6	Titanium Dioxide	13463-67-7	5 – 10	NA	10 mg/m^3 (dust)
7	Petroleum Based Defoamer	Proprietary	<1.00	NA	5 mg /m^3 TWA
8	Hydroxyethylcellulose	9004-62-0	<2.00	NA	None established
9	Water	7732-18-5	30 – 35	760.00 mm Hg @ 68°F	NA
10	Ester-Alcohol	25265-77-4	<2.00	<.01 mmHg @ 20°C	None established
11	2-N-Octyl-4-isothiazolin-3-one	26530-20-1	<1.00	.22mm Hg @ 68° F	.2 mg/m^3 TWA

Proposition 65 Statement: Certain raw materials used in making this product may contain small amounts of materials as impurities which are regulated by Propostion 65.

4. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Semi viscous liquid
State	Liquid
Odor Characteristic	Mild ammonia odor
Vapor Density (Air = 1)	Heavier than air
Vapor Pressure	No data
Weight per gallon	11.5 – 12.5
Boiling Point	250^{0}F
Solubility in Water	Miscible
VOC	<100 grams/liter
Evaporation Rate	Slower than ether

The physical and chemical data given in Section 4 are typical values for this product and are not intended to be product specifications.

5. FIRE AND EXPLOSION HAZARD DATA

Flash Point: Non-combustible

Extinguishing agents: Foam, CO_2, Dry Chemical, Water fog

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

Unusual Fire and Explosion Hazards: Pressure may build up in tightly closed containers exposed to fire which may result in rupture. Keep containers cooled with water spray. Material can spatter above 100°C/212°F.

6. REACTIVITY DATA

Instability: Material is considered stable. However, avoid temperatures above 177°C/350°F the onset of polymer decomposition. Thermal decompostion is dependent on time & temperature.

Hazardous Decomposition Products: Thermal decomposition may yield acrylic monomers.

Hazardous Polymerization: Product will not undergo hazardous polymerization.

Incompatibility: None known

7. HEALTH HAZARD DATA

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

Eye Contact - Material can cause the following: -slightly irritating to the eyes.

Skin Contact - Prolonged or repeated skin contact can cause the following: -moderate skin irritation – reddening

Ingestion - Material is harmful if swallowed. Material can cause the following:-gastrointestinal irritation – nausea – vomiting – diarrhea

8. FIRST AID MEASURES

Inhalation - Move subject to fresh air. If breathing is difficult, give oxygen. Give artificial respiration if breathing has stopped. Get medical attention immediately.

Eye Contact - Immediately flush eyes with a large amount of water for at least 15 minutes. If redness, itching or a burning sensation develops, see a physician.

Skin Contact - Remove contaminated clothing. Wash affected areas thoroughly with soap and water. Wash contaminated clothing thoroughly before reuse. If redness, itching or a burning sensation develops, see a physician.

Ingestion - DO NOT induce vomiting. Give milk or water to drink. Get medical attention immediately. If vomiting occurs spontaneously, keep airway clear. Never give anything by mouth to an unconscious person.

Note to Physician - No specific antidote, treat symptomatically.

9. ACCIDENTAL RELEASE MEASURES

Personal Protection: Wear compatible, chemically resistant gloves. Wear protective clothing including splash proof goggles and rubber overshoes.

Procedures: Contain spills immediately with inert materials (e.g. sand, earth). If material is spilled in a confined area ventilate the area well. Keep spectators away. Floor may be slippery; use care to avoid falling. Transfer liquids and solid diking material to separate suitable containers for recovery or disposal. Keep spills and cleaning runoffs out of municipal sewers and open bodies of water.

10. HANDLING & STORAGE

Storage Conditions: Avoid temperature extremes during storage; ambient temperature preferred. Store in well-ventilated area. Keep container tightly closed when not in use. Keep from freezing. Store material out of direct sun.

Handling Procedures: Use in well-ventilated areas. Keep containers closed when not in use. Keep away from excessive heat and open flames. Do not work alone! Keep out of reach of children!

Other: Improper disposal or re-use of product containers may be dangerous and illegal. Refer to applicable local, state and federal regulations.

11. EXPOSURE CONTROLS – PERSONAL PROTECTION

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 under normal

operation conditions. Approved mechanical filter respirator to remove solid airborne particles of overspray during spray application.

Eye Protection: Use chemical splash goggles or face shield. (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. Rinse and remove gloves immediately after use. Wash hands with soap and water.

Other protection: Use chemically resistant apron or other impervious clothing to avoid prolonged or repeated skin contact.

Engineering Controls (Ventilation): Use local exhaust ventilation with a minimum capture velocity of 100ft/min. (.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.

Work – Hygienic Practices: Remove contaminated clothing; launder or dry clean before reuse. Wash thoroughly with soap and water.

12. DISPOSAL CONSIDERATIONS

Procedure: Dispose of in accordance with local, state and federal regulations. To be certain that chemical waste disposal meets EPA regulatory requirements, address any questions to the RCRA (800) 424-9346. In addition, relevant State and local authorities should be contacted for information on any requirements they may have for the waste removal and disposal of this substance.

13. TRANSPORT INFORMATION

US DOT Class: Paint, Not Regulated

14. REGULATORY INFORMATION

All individual ingredients of this product are listed in Section 3 of this MSDS. Different states and locales may have different regulations, including Right-to-Know regulations, regarding specific chemical substances and users should consult the appropriate regulations and contact authorities as necessary to assure compliance with applicable regulations. All components of this product are believed to be in compliance with the inventory listing requirements of the U.S. Toxic Substances Control Act (TSCA) Chemical Substances Inventory.

SARA SECTION 313: This product contains Zinc Oxide CAS #1314-13-2 and is subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act and 40 CFR 372.

15. OTHER INFORMATION

Category	HMIS III – HP-1000	Scale
Health	1	4 = Severe Hazard
Flammability	0	3 = Serious Hazard
Physical Hazard	0	2 = Moderate Hazard
Personal Protection	X	1 = Slight Hazard
		0 = Minimal Hazard

Prepared by: Acrymax Technologies Inc. – Technical Department

The information contained herein relates only to the specific material identified. Acrymax Technologies Inc. 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. Since conditions of use are out of our control, users assume all risks associated with the use of the material and are advised to confirm in advance that the information contained in this MSDS is correct, applicable, and suitable to their circumstances. As these are proprietary formulations, the actual percentages of ingredients have been omitted pursuant to OSHA Federal Hazard Communication Standard.