

# **MATERIAL SAFETY DATA SHEET**

## **1. PRODUCT IDENTIFICATION**

**Product:** AF-132P Pearlescent Elastomeric Coating  
**MSDS Date:** 09-01-10

## **2. COMPANY IDENTIFICATION**

**Acrymax Technologies Inc.**  
221 Brooke Street  
Media, PA 19063  
www.acrymax.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 mmHg @ 80°F	ACGIH TWA 25 ppm
2	Propylene Glycol	57-55-6	1 – 5	0.22 mm Hg @ 68° F	ACGIH TWA 50 ppm
3	Acrylic Polymers	NA	30 – 40	NA	NA
4	Petroleum Based Defoamer	Proprietary	<2.00	NA	5 mg /m <sup>3</sup> TWA
5	Mica	12001-26-2	<5.00	na	3 mg/m <sup>3</sup> TWA
5	Hydroxyethylcellulose	9004-62-0	<2.00	NA	None established
6	Water	7732-18-5	45 - 55	760.00 mm Hg @ 68°F	NA
7	2-N-Octyl-4-isothiazolin-3-one	26530-20-1	<1.00	.22mm Hg @ 68° F	.2 mg/m <sup>3</sup> TWA

## **4. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance	Semi viscous metallic appearance liquid
State	Liquid
Odor Characteristic	Mild ammonia odor
Vapor Density (Air = 1)	Heavier than air
Vapor Pressure	No data
Weight per gallon	8.75 – 9.25 lbs.
Boiling Point	250 <sup>0</sup> 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<sub>2</sub>, 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

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**Instability:** Material is considered stable. However, avoid temperatures above 177°C/350°F the onset of polymer decomposition. Thermal decomposition 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

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**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

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**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

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**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

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**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

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**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

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**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

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**US DOT Class:** Paint, Not Regulated

## 14. REGULATORY INFORMATION

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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.

## 15. OTHER INFORMATION

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Category	HMIS III – AF-132P	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.