

## Section I - Product & Company Information

**Product Name:** AF-4200 - Clear

**Company Information:**

Acrymax Technologies, Inc.  
221 Brooke Street  
Media, PA 19063

**web:** www.acrymax.com  
**e-mail:** info@acrymax.com  
**phone:** 610.566.7470  
**fax:** 610.891.0834

In an emergency, contact Chemtrec: 800.424.9300

## Section II - Hazards Identification

**GHS Ratings:**

Skin Irritant	3	Reversible adverse effects in dermal tissue
Eye Irritant	2B	Mild eye irritant

**GHS Hazards**

H316	Causes mild skin irritation
H320	Causes eye irritation

**GHS Precautions**

P264	Wash hands thoroughly after handling
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P337+P313	If eye irritation persists: Get medical advice/attention.

**Signal Word: Warning**



## Section III - Composition / Information on Ingredients

Chemical Name	CAS number	Weight Concentration %
Water	7732-18-5	50.00% - 60.00%
2,2,4-trimethyl-1,3-pentanediol monoisobutyrate	25265-77-4	1.00% - 5.00%
Silica-Amorphous, precipitated	112926-00-8	1.00% - 5.00%

(1) There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or environment and hence require reporting section

## Section IV - First Aid Measures

**Inhalation:** If affected, remove from exposure. Restore breathing. Get medical attention.

**Eye Contact:** Flush eyes with large amount of water for 15 minutes while holding eye lids open. Get medical attention.

**Skin Contact:** Wash affected area thoroughly with soap and water. Remove contaminated clothing and launder before re-use.

**Ingestion:** Do not induce vomiting. Call poison control and/or seek medical attention immediately.

**Notes to Physician:** Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

## Section V - Fire Fighting Measures

**Flash Point:** Non-Combustible

**Extinguishing Media:** Carbon Dioxide, Dry Chemical, or Alcohol Resistant Foam

**Special Hazards:** Closed containers may explode (due to the build-up of pressure) when exposed to extreme heat. Material may spatter above 100C / 212 F.

**Special Firefighting Equipment & Procedures:** Full protective equipment including self-contained breathing apparatus should be used. Water spray may be ineffective. If water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build-up and possible explosion when exposed to extreme heat

## Section VI - Accidental Release Measures

### **STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED**

Remove all sources of ignition. Ventilate the area. Dike around spill and absorb liquids with absorbent. Sweep up and shovel into suitable containers for disposal. Stop spill from entering drains, sewers, streams, or waterways. Affected spill area may be slippery. Wear appropriate personal protection equipment while in affected area.

## Section VII - Handling & Storage

### **PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE**

Do not store above 50C / 122 F, near heat or open flame. Protect from freezing. Close container and keep upright to prevent leakage. Keep out of reach of children. Transfer only to approved containers with complete and appropriate labeling.

## Section VIII - Exposure Controls/Personal Protection

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits
Water 7732-18-5	N/A	N/A
2,2,4-trimethyl-1,3-pentanediol monoisobutyrate 25265-77-4	Not Established	Not Established
Silica-Amorphous, precipitated 112926-00-8	6 mg/m3 TWA	Not Established

**PRECAUTIONS TO BE TAKEN IN USE:**

Use only with adequate ventilation

Avoid contact with skin and eyes. Avoid breathing vapor and spray mist.

Wash hands after using.

**Ventilation:** Local exhaust preferable. General exhaust acceptable if the exposure to materials in Section II is maintained below applicable exposure limits. Refer to OSHA Standards 1910.94, 1910.107, 1910.108.

**Work/ Hygienic Practices:** Wash hands before eating, smoking or using the wash room after use of this product. Do not consume food or beverages where this product is handled.

**Respiratory Protection:** If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted organic vapor/particulate respirator approved by NIOSH/MSHA for protection. When sanding or abrading the dried film, wear a dust/mist respirator approved by NIOSH/MSHA for dust which may be generated from this product, underlying paint, or the abrasive.

**Protective Gloves:** Required for long or repeated contact. Use neoprene or rubber gloves to prevent skin contact.

**Eye Protection:** Wear safety spectacles with sideshields.

**Other Protective Clothing or Equipment:** Use disposable or impervious clothing if work clothing contamination is likely. Availability of eye wash and shower stations recommended.

## Section IX - Physical & Chemical Properties

<p style="text-align: center;"><b>Appearance:</b> Liquid</p> <p style="text-align: center;"><b>Vapor Pressure:</b> No Data</p> <p style="text-align: center;"><b>Vapor Density:</b> No Data</p> <p style="text-align: center;"><b>Specific Density:</b> 1.10</p> <p style="text-align: center;"><b>Solubility:</b> No Data</p> <p style="text-align: center;"><b>Flash point:</b> N/A</p> <p style="text-align: center;"><b>Flammability:</b> N/A</p> <p style="text-align: center;"><b>Autoignition temperature:</b> N/A</p> <p style="text-align: center;"><b>Viscosity:</b> No Data</p> <p style="text-align: center;"><b>Partition coefficient (n-octanol/water):</b> No Data</p>	<p style="text-align: center;"><b>Odor:</b> Mild Ammonia</p> <p style="text-align: center;"><b>Odor threshold:</b> No Data</p> <p style="text-align: center;"><b>pH:</b> 8.0 - 9.0</p> <p style="text-align: center;"><b>Freezing point:</b> 0 C , 32 F</p> <p style="text-align: center;"><b>Boiling range:</b> 100 C, 212 F</p> <p style="text-align: center;"><b>Evaporation rate:</b> Slower than ether</p> <p style="text-align: center;"><b>Explosive Limits:</b> N/A</p> <p style="text-align: center;"><b>Decomposition temperature:</b> No Data</p> <p style="text-align: center;"><b>Grams VOC less water:</b> &lt; 200 g/L</p>
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## Section X - Stability & Reactivity

**Stability:** STABLE

**Conditions to avoid:** Freezing temperature; Heat, flames & sparks.

**Incompatible Materials:** Strong oxidizing agents

**Hazardous Decomposition Products:** Carbon Monoxide; Carbon Dioxide

## Section XI - Toxicological Information

**Mixture Toxicity:** No Data Available

**Component Toxicity**

25265-77-4 2,2,4-trimethyl-1,3-pentanediol monoisobutyrate  
Oral LD50: 3,200 mg/kg (Rat)

**Effect of Overexposure:**

Eye and nasal irritation, headache, dizziness, nausea, difficulty breathing, itching or burning eye skin.

**Carcinogenicity:** The following ingredient either cause or are suspected of causing cancer.

<u>CAS Number</u>	<u>Description</u>	<u>% Weight</u>	<u>Carcinogen Rating</u>
None			N/A

## Section XII - Ecological Information

**Mixture Ecotoxicity:** No Data Available

**Component Ecotoxicity**

Water	Not Applicable
2,2,4-trimethyl-1,3-pentanediol monoisobutyrate	96 Hr LC50 Pimephales promelas: 30 mg/L 72 Hr EC50 Pseudokirchneriella subcapitata: 18.4 mg/L
Silica-Amorphous, precipitated	NOEC / >1000 ppm / Daphnia - Daphnia magna / 24 hr. Acute NOEC / >1000 ppm / Freshwater Fish / 96 hr.static Acute NOEC / >1000 ppm / Fish - Brachydanio rerio / 4 days static

## Section XIII - Disposal Considerations

**Waste Disposal Method:** Dispose of in accordance with International, Federal, State/Provincial, and Local regulations regarding pollution. Local requirements may vary, consult your local sanitation and/or state designated environmental protection agency for disposal options.

## Section XIV - Transport Information

Multi-modal shipping descriptions are provided for informational purposes and do not consider container sizes. The presence of a shipping description for a particular mode of transport (ocean, air, etc.), does not indicate that the product is packaged suitably for that mode of transport. All packaging must be reviewed for suitability prior to shipment, and compliance with the applicable regulations is the sole responsibility of the person offering the product for transport.

<u>Agency</u>	<u>Proper Shipping Name</u>	<u>UN Number</u>	<u>Packing Group</u>	<u>Hazard Class</u>
DOT	Paint, Not Regulated	N/A	N/A	N/A

## Section XV - Regulatory Information

**OSHA:** This mixture is considered to be hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

**US Toxic Substance Control Act:** All chemicals in this product are listed, or are exempt from listing, on the TSCA Inventory

**State of New Jersey Worker and Community Right-To-Know Act:** This product contains the following chemicals which appear on the New Jersey Hazardous Substance List:

112926-00-8 Silica-Amorphous, precipitated

**Commonwealth of Pennsylvania Worker and Community Right-To-Know Act:** This product contains the following chemicals which appear on the Pennsylvania Hazardous Substance List:

112926-00-8 Silica-Amorphous, precipitated

## Section XVI - Disclaimer & Other Information

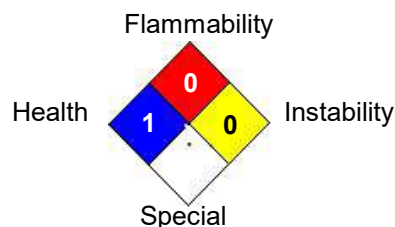
Prepared by Acrymax Technologies, Inc. - Technical Department

### Hazardous Material Information System (HMIS)

HEALTH	1
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	X

**HMIS & NFPA Hazard Rating Legend**  
\* = Chronic Health Hazard  
0 = INSIGNIFICANT  
1 = SLIGHT  
2 = MODERATE  
3 = HIGH

### National Fire Protection Association (NFPA)



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 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 SDS is correct, applicable, and suitable to their circumstances.

Date revised: 2018-07-26

Revision number: 2.1