

# ACRYMIX-IQ

**BONDING AGENT & MORTAR ADMIXTURE**

## SAFETY DATA SHEET

### SECTION 01 - BASIC INFORMATION

#### PRODUCT DESCRIPTION

ACRYMIX-IQ is a high-performance acrylic emulsion admixture engineered with Adhesion Intelligence for use in cementitious bonding bridges and site-mixed mortars. Specifically designed for plaster, cement, mortar, stucco, overlays, and patching applications, it enhances adhesion along with tensile and flexural strength while improving overall durability.

When incorporated into mixes, it increases resistance to abrasion, impact, and cracking, while also improving performance under freeze-thaw conditions. It further reduces permeability, helping limit water penetration and protecting against chloride intrusion and surface scaling. Suitable for both interior and exterior use, ACRYMIX-IQ is formulated to strengthen and extend the life of cement-based systems.

#### MANUFACTURER:

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#### EMERGENCY TELEPHONE NUMBER:

800.222.1222  
American Association of Poison Control Centers

### SECTION 02 - HAZARDS IDENTIFICATION

#### GHS CLASSIFICATION

This material is not a hazardous substance or mixture.

#### GHS LABEL ELEMENTS

Not a hazardous substance or mixture.

See Section 11 for more detailed information on health effects and symptoms. There are no hazards not otherwise classified that have been identified during the classification process. There are no ingredients with unknown acute toxicity used in a mixture at a concentration  $\geq 1\%$ .

## SECTION 03 - COMPOSITION

<b>Chemical Name:</b>	<b>Acrylic Emulsion</b>	<b>Proprietary</b>	<b>Water</b>
<b>% By Weight</b>	35-45%	5%	50-60%
<b>SARA 313:</b>	No		
<b>Vapor Pressure (mm Hg@20°C)</b>	N/A: Not Applicable		
<b>LEL (@25°C)</b>	N/A: Not Applicable		

## SECTION 04 - FIRST AID MEASURES

<b>If inhaled</b>	Move to fresh air. If symptoms persist, seek medical attention.
<b>In case of skin contact</b>	Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water.
<b>In case of eye contact</b>	Flush eyes with water as a precaution. Remove contact lenses. Keep eye wide open while rinsing.
<b>If swallowed</b>	Clean mouth with water and drink afterwards plenty of water. Do not induce vomiting without medical advice. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person.
<b>Most important symptoms and effects, both acute and delayed</b>	No known significant effects or hazards. See Section 11 for more detailed information on health effects and symptoms.
<b>Protection of first-aiders</b>	No hazards which require special first aid measures.
<b>Notes to physician</b>	Treat symptomatically.

## SECTION 05 - FIRE-FIGHTING MEASURES

<b>Suitable extinguishing media</b>	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
<b>Chemical/combustion hazards</b>	Carbon monoxide, carbon dioxide, and incomplete combustion products.
<b>Specific extinguishing methods</b>	Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.
<b>Special protective equipment for fire-fighters</b>	In the event of fire, wear self-contained breathing apparatus. Material can spatter above 212 °F. Dried product can burn.

## SECTION 06 - ACCIDENTAL RELEASE MEASURES

<b>Environmental precautions</b>	Local authorities should be advised if significant spillages cannot be contained.
<b>Spill or oil leak procedures</b>	Evacuate unauthorized personnel. Dike/contain spilled material. Remove spill source. Spilled materials should be cleaned up using an appropriate absorbent and placed in marked, sealed containers for disposal. Prevent spilled material from entering sewers, waterways, etc. Dried material may be difficult to remove. Spilled material can create slippery conditions.

## SECTION 07 - HANDLING AND STORAGE

<b>Advice on safe handling</b>	For personal protection see section 8. No special handling advice required. Follow standard hygiene measures when handling chemical products.
<b>Conditions for safe storage</b>	Keep container tightly closed in a dry and well-ventilated place Store in accordance with local regulations Prevent product from freezing.
<b>Materials to avoid</b>	No data available

## SECTION 08 - EXPOSURE CONTROLS/PERSONAL PROTECTION

### OSHA

<b>Chemical Name:</b>	Acrylic Emulsion
<b>PEL:</b>	N/E
<b>PEL/CEILING:</b>	N/E
<b>PEL/STEL:</b>	N/E
<b>SKIN:</b>	No
<b>TWA:</b>	N/E

### ACGIH

<b>TLV/CEILING:</b>	N/E
<b>TLV/STEL:</b>	N/E
<b>SKIN:</b>	No

### ENGINEERING MEASURES

Use of adequate ventilation should be sufficient to control worker exposure to airborne contaminants. If the use of this product generates dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure below any recommended or statutory limits.

**PERSONAL PROTECTIVE EQUIPMENT**

<b>Respiratory protection</b>	Use a properly fitted NIOSH approved air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary.  The filter class for the respirator must be suitable for the maximum expected contaminant concentration (gas/vapor/aerosol/particulates) that may arise when handling the product. If this concentration is exceeded, self-contained breathing apparatus must be used.
<b>Hand protection Remarks</b>	Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.
<b>Eye protection</b>	Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary
<b>Skin and body protection</b>	Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place.
<b>Hygiene measures</b>	Wash hands before breaks and immediately after handling the product.  Remove contaminated clothing and protective equipment before entering eating areas.

**SECTION 09 - PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance</b>	Liquid	<b>Boiling Point / Boiling Range</b>	No data available
<b>Color</b>	Milky White	<b>Vapor Pressure</b>	17 mmHg (23 hPa)
<b>Odor</b>	Acrylic Like	<b>Density</b>	ca. 1.1 g/cm <sup>3</sup> at 73 °F (23 °C)
<b>Odor Threshold</b>	No data available	<b>Water Solubility</b>	Yes
<b>Flash Point</b>	> 212 °F (100 °C)	<b>Partition Coefficient (n-octanol/water)</b>	No data available
<b>Ignition Temperature</b>	No data available	<b>Viscosity, Dynamic</b>	No data available
<b>Decomposition Temperature</b>	No data available	<b>Viscosity, Kinematic</b>	ca. > 20.5 mm <sup>2</sup> /s at 104 °F (40 °C)
<b>Lower Explosion Limit (Vol%)</b>	No data available	<b>Relative Vapor Density</b>	No data available
<b>Upper Explosion Limit (Vol%)</b>	No data available	<b>Evaporation Rate</b>	No data available
<b>Flammability (solid, gas)</b>	No data available	<b>Burning Rate</b>	No data available
<b>Oxidizing Properties</b>	No data available	<b>Volatile Organic Compounds (VOC) Content</b>	Yes: 50-60% water
<b>pH</b>	ca. 5.5 at 73 °F (23 °C)		
<b>Melting Point / Freezing Point</b>	No data available		

## SECTION 10 - STABILITY AND REACTIVITY

<b>Reactivity</b>	No dangerous reaction known under conditions of normal use.
<b>Chemical stability</b>	The product is chemically stable.
<b>Possibility of hazardous reactions</b>	Stable under recommended storage conditions.
<b>Conditions to avoid</b>	No data available
<b>Incompatible materials</b>	No data available

## SECTION 11 - TOXICOLOGICAL INFORMATION

### Acute toxicity

Not classified based on available information.

### Skin corrosion/irritation

Not classified based on available information.

### Serious eye damage/eye irritation

Not classified based on available information.

### Respiratory or skin sensitization

Skin sensitization: Not classified based on available information.

Respiratory sensitization: Not classified based on available information.

### Germ cell mutagenicity

Not classified based on available information.

### Reproductive toxicity

Not classified based on available information.

### STOT-single exposure

Not classified based on available information.

### STOT-repeated exposure

Not classified based on available information.

### Aspiration toxicity

Not classified based on available information.

### Carcinogenicity

Not classified based on available information.

### IARC

Not applicable

### NTP

Not applicable

## SECTION 12 - ECOLOGICAL INFORMATION

### OTHER INFORMATION

Do not empty into drains; dispose of this material and its container in a safe way.

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

## SECTION 13 - DISPOSAL CONSIDERATIONS

### DISPOSAL METHODS

#### Waste from residues

Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

#### Contaminated packaging

Empty containers should be taken to an approved waste handling site for recycling or disposal.

## SECTION 14 - TRANSPORT INFORMATION

#### DOT

Not dangerous goods

#### IATA

Not dangerous goods

#### IMDG

Not dangerous goods

#### Special precautions for user

No data available

#### Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

## SECTION 15 - REGULATORY INFORMATION

#### TSCA list

All chemical substances in this product are either listed on the TSCA Inventory or are in compliance with a TSCA Inventory exemption.

### EPCRA - EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW

#### CERCLA Reportable Quantity

This material does not contain any components with a CERCLA RQ.

#### SARA304 Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

#### SARA 311/312 Hazards

No SARA Hazards

#### SARA 302

This material does not contain any components with a section 302 EHS TPQ.

#### SARA 313

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

## CLEAN AIR ACT

### Ozone-Depletion Potential

This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 112 (40 CFR 61).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).

### California Prop 65

WARNING: Cancer Reproductive Harm – [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## SECTION 16 - OTHER INFORMATION

### HMIS CLASSIFICATION

Health	/1
Flammability	1
Physical Hazard	0
Personal Protection	X

**Caution:** HMIS® rating is based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® rating is not required on SDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® rating is to be used with a fully implemented HMIS® program. HMIS® is a registered mark of the National Paint & Coatings Association (NPCA). Please note HMIS® attempts to convey full health warning information to all employees.

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