



DESCRIPTION: Safecoat® AcriGlaze is a special mixing medium and finish suitable for use in the display, art and show fields. It is mildew resistant, odorless and dries clear. Ideal for restoring old finishes to their original brilliance, sealing and preserving painted work, faux finishing and as an adhesive for paper mache. Dries clear. Available in gloss and matte sheens.

USE ON: Clear finish for masonry, brick, plaster, wood, paneling, etc., where a soft low luster finish and sealer is desired. May be used both interior or exterior as a reducer for any type of waterbased paint. Excellent medium for artist colors and universal tints.

PRODUCT NUMBER AND CONTAINER SIZE:

Gloss: 10207 (quart), 10107 (gallon), 10307 (five gallon).
Matte: 10287 (quart), 10187 (gallon), 10387 (five gallon)

SURFACE PREPARATION: All surfaces must be clean, dry, and free from dirt, dust, grease, efflorescence, loose peeling or chalking paint. Dull glossy surfaces by sanding or washing with a solution of SafeChoice® Super Clean followed by a clear water rinse. Remove all mold and mildew and thoroughly clean followed by water rinsing. Remove efflorescence by washing with a 10% solution of muriatic acid and brushing, followed by washing. Repair all holes, cracks, etc. with an appropriate patching material. Do not apply over oil-based materials without first testing for compatibility.

APPLICATION: Always use adequate ventilation. Intermix (boxing) all containers of the same sheen to ensure gloss uniformity before applying. Before using, mix coating thoroughly by gently stirring or rolling container to avoid air bubbles. Be sure to stir product thoroughly every 20 minutes during application. Do not shake container. Pour material to be used into another container before applying coating to avoid contaminating main container. Use a short nap roller or nylon brush. Spray any large masonry exterior surfaces. Care should be taken to avoid over agitation as it creates bubbles. Apply as a clear varnish as supplied. Two or three coats of gloss finish AcriGlaze will provide a wet look and offer better water resistance. Do not use when air or surface temperature is below 50°F. Applying over oil-based paints and mediums may cause product to yellow; test on an inconspicuous area before doing large surface. *Note: these instructions are intended to be general only and not exhaustive. The applicator should determine which preparation and techniques are best suited to the specific surface.*

COVERAGE: One gallon of Safecoat AcriGlaze covers approximately 200-400 square feet in one coat depending on method of application and surface porosity.

THINNING: None required, water if needed.

CLEAN-UP: Clean tools and equipment while still wet with a solution of **SafeChoice Super Clean** and warm water.

DRYING/CURING TIME: Under normal conditions, Safecoat AcriGlaze dries to touch in one hour and is recoatable after four hours. Normal conditions include a clean, dry surface, access to fresh air flow, a dust free environment, moderate humidity, and temperatures above 55 degrees F. Thick application, high humidity or conditions other than normal will cause Safecoat AcriGlaze to dry and cure more slowly.

LIMITATIONS: Unlike conventional coatings, Safecoat is made without formaldehyde preservatives or toxic mildewcides or fungicides. Do not contaminate. Store in airtight containers. Do not use when indoor or surface temperature is below 55°F. Do not apply where product will be immersed in water, such as fountains, pools or below ground area. Do not freeze.

HEALTH PRECAUTIONS: As with all coatings and stains, keep container tightly closed and out of the reach of children. Do not take internally. Always use adequate ventilation. Wear a mask when sanding and avoid breathing sanding dust. Avoid contact with skin and eyes and avoid breathing of spray vapors and spray mist. *If you are chemically sensitive, always test for personal tolerance.*

LIMITED LIABILITY: Safecoat® products are guaranteed not to be defective when properly applied. Liability express or implied is limited to replacement of product or refund of purchase price and does not include liability for labor costs or consequential damages. Variable factors out of manufacturer's control, such as environmental conditions, application techniques, and surface conditions are critical to results obtained. Users are expected to exercise reasonable care to determine suitability of the product for each application. This limited warranty may not be modified or extended by manufacturer's representatives, distributors or dealers of AFM products. **We particularly recommend that users always test in small inconspicuous areas before application to the entire surface.**

MATERIAL SAFETY DATA SHEET

Prepared according to 29 CFR 1910.1200

N/A = Not applicable

Revised 9/30/08

SECTION 1 - PRODUCT IDENTIFICATION

Trade Name: Safecoat AcryGlaze Matte

Product I.D.# & Color: 1087 Clear

Product Class: Waterborne Acrylic Polymer Emulsion

Supplier's Name: American Formulating & Manufacturing

Telephone #: (619) 239-0321 Fax # 619-239-0565

Address: 3251 Third Avenue, San Diego, CA 92103

Emergency Phone (MSDS Information): (619) 239-0321 or (562) 693-0872

D.O.T. Emergency Phone Number: (562) 693-0872

US DOT Hazard Shipping Class: Not regulated - aqueous

D.O.T. Labels/Placards Required: No

OSHA Class: 29CFR 1910.1200 Non-hazardous

SARA TITLE III Emergency & Community Right to Know:

Section 311/312 Categorizations (40 CFR 370): Not a hazardous chemical

Section 313 Information (40 CFR 372): This product does not contain a chemical which is listed in Section 313 above de minimis concentrations.

SECTION 2 - INGREDIENTS

Water	CAS #: 7732-18-5	Weight %: 65-70
Acrylic Polymer Emulsion	CAS #: Mixture	Weight %: 20-25
Vapor Pressure 24 mm Hg @ 77 F		
Modified Acrylic Vinyl Emulsion	CAS #: Mixture	Weight %: 10-15
Amorphous Fumed Silica	CAS #: 112945-52-5	Weight %: <3%
Aqueous Acrylic Emulsion	CAS #: Mixture	Weight %: <3%
Vapor Pressure 17 mm Hg @ 68 F		

Suspected Cancer Agents: Federal OSHA: No NTP: NO IARC: No None known. HMIS Codes: H-1 F-0 R-0 P-0

SECTION 3 - PHYSICAL DATA

Physical Description: Liquid

Boiling Range:.....100 C/212 F

Melting Point:.....N/A

Vapor Density:.....Heavier than air

% Volatile by Volume:.....83.10

% Volatile by Weight:.....82.07

LBS/GAL Theoretical:.....8.58 +- .15

Solubility in Water:.....Dilutable

Vapor Pressure, mmHg @ 20degC:.....N/A

Evaporation Rate:.....Slower than ether

VOC Material:.....9 g/l, 0.08 lb./gal

VOC Material less H2O:52 g/l, 0.43 lb./gal

Specific Gravity (H2O = 1):.....1.03

SECTION 4 - FIRE & EXPLOSION HAZARD DATA

Flash Point: 212°F

Flammable limits in air, volume % - lower LEL: N/A **Upper UEL:** N/A

Fire Extinguishing Media: Water, carbon dioxide, dry chemical

Personal Protective Equipment: Self-contained breathing apparatus (pressure-demand MSHA/NIOSH approved or equivalent) and full protective gear may be worn if desired, but not necessary for normal use.

Autoignition Temp.: N/A

Special Fire Fighting Procedures: Use water (fog) to cool closed containers. Wear self contained breathing apparatus.

Unusual Fire & Explosion Hazards: Closed containers may explode due to the build up of steam pressure when exposed to extreme heat. Material can splatter above 100°C/212°F. Polymer film can burn.

SECTION 5 - HEALTH HAZARD INFORMATION & FIRST AID

Threshold Limit Value: See Section 2 for hazardous ingredient information

Symptoms of Overexposure

Symptoms and Effects of Short Term Exposure: Acute. Primary route of entry:

Swallowing: May cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Inhalation: Inhalation-spray mists may cause mild respiratory irritation.

Eye Contact: Liquid splashed into the eye may cause transient eye irritation.

Skin Absorption: None known.

Symptoms and Effects of Repeated Overexposure: Chronic - None known.

Medical Conditions Generally Aggravated by Exposure: None known.

Emergency & First Aid Procedures:

Inhalation: Remove from exposure. Provide plenty of fresh air.

Splash (eyes): Flush immediately with large amounts of water for at least 15 minutes, lifting upper and lower eyelids occasionally. Take to a physician for medical treatment.

Splash (skin): Remove with soap and water. Remove contaminated clothing. Supply copious amounts of fresh water to the skin areas to rinse material away.

Ingestion (Swallowing): Consult with physician, hospital emergency room, or poison control center immediately. Only if conscious, give 2 glasses of water to drink.

Notes to Physician: Any treatment that might be required for overexposure should be directed at the control of symptoms and the clinical conditions.

SECTION 6 - REACTIVITY DATA

Stability: Stable, however avoid temperatures above 177°C/350°F, the onset of polymer decomposition.

Incompatibility (materials to avoid): Avoid materials that are water reactive, highly alkaline or highly acidic.

Hazardous Decomposition by-products: Burning, including when heated by welding or cutting, will produce smoke, carbon monoxide and low molecular weight organic compounds may be formed.

Hazardous Polymerization: Will not occur.

Conditions to Avoid: Excess heat may cause containers to rupture. Avoid temperatures below 45°F or freezing conditions.

SECTION 7 - SPILL, DISPOSAL PROCEDURES; ENVIRONMENTAL DATA

Steps to be taken in case material is released or spilled: Confine in small area; contain and remove with inert absorbent (sand, earth, etc.). Place in proper container for proper disposal. CAUTION - Keep out of waterways, drains, sewers by diking. Keep spectators away. Floor may be slippery. Use care to avoid falling.

Waste Disposal Method: Place contaminated material in suitable sealed metal containers for disposal. Do not incinerate closed containers. Use non leaking containers, seal tightly and label properly. Do not pour contaminated paint back into unused paint. Do not throw liquid paint into the trash. Where allowed by local laws (check with local regulatory agencies) allow liquid waste materials to dry out before disposing into trash containers. Take all liquid unused paint that cannot be used to approved recycling centers, paint roundups, or county facilities that are approved to take unused paint at collection sites. Contact state, county, city health services or fire departments to find nearest collection centers. Do not dispose of waste into water streams or storm water sewers. Do not mix with other kinds of waste. Dispose all waste in accordance with local, state and federal regulations.

RCRA Classification: As produced, this product is not a waste. If discarded as is, it is not classified a "Hazardous" waste under RCRA. This product is not ignitable, corrosive, reactive, or toxic; therefore is not defined as hazardous by the EPA.

Environmental Hazards: None known.

SECTION 8 - SPECIAL PROTECTION INFORMATION

Respiratory Protection: If applied by spraying, use an appropriate, properly fitted NIOSH/MSHA approved respirator to remove spray mist. Good room (mechanical) ventilation should be sufficient protection against vapors from product. If further protection is desired or if persons are sensitive to vapors, use a respirator with a NIOSH/MSHA approval number TC-23C-860 or TC-23C-87 or an equivalent. Refer to OSHA 29 CFR 1910.134, "Respiratory Protection".

Ventilation: General (mechanical) room ventilation is expected to be satisfactory.

Protective Gloves: None required under most conditions. If protection is desired, plastic, nitrile or latex rubber will provide adequate protection.

Eye Protection: Safety glasses or goggles with side shields if splashing may occur. Use goggles when spraying, ANSI Z87.1 or approved equivalent.

Other Protection: Eye wash or copious amounts of water as a precautionary measure is suggested. Other equipment not likely to be needed.

SECTION 9 - STORAGE & SPECIAL HANDLING

Storage Temperature: Min. 45degF - Max. 120degF/Indoor and outdoor = OK
This product should be stored at room temperature to prolong shelf life. Keep containers in a cool, dry place. Avoid subjecting this product to extreme temperature variations and freezing. Adverse conditions can cause emulsion coagulation.

KEEP CONTAINER CLOSED. KEEP OUT OF REACH OF CHILDREN. DO NOT TAKE INTERNALLY. DO NOT GET IN EYES. IF PRODUCT IS SPRAYED, PREVENT PROLONGED OR REPEATED BREATHING OF SPRAY MIST. USE ADEQUATE VENTILATION WHEN USING THIS PRODUCT. USE GOOD HYGIENE PRACTICES AND WASH AFTER USING PRODUCT.

NOTICE: The data and recommendations presented herein are based upon our research and the research of others, and are believed to be accurate. No guarantee of their accuracy is made, however, and the product discussed is distributed without warranty, expressed or implied, and the person receiving such product shall make his own determination of the suitability thereof for his particular purpose. The use of this information and the conditions and use of this product are controlled by the user, and it is the responsibility and obligation of the user to determine the conditions of safe use of this product. If persons using this product are chemically sensitive, a test for personal tolerance is recommended.