

**MATERIAL SAFETY DATA SHEET**  
**Artisan Anti-Graffiti Barrier Coating Part A**

**SECTION 1 PRODUCT NAME AND COMPANY IDENTIFICATION**

**Product Name: Artisan Anti-Graffiti Barrier Coating Part A**

**Manufacturer:**

Chemique, Inc.  
315 N. Washington Ave.  
Moorestown, NJ 08057  
(856) 235-4161

MSDS Date of Preparation: 12/22/10

**EMERGENCY PHONE: (800) 535-5053 (Infotrac)**

**SECTION 2 COMPOSITION/INFORMATION ON INGREDIENTS**

<u>INGREDIENTS</u>	<u>CAS#.</u>	<u>WT.%</u>
Acrylic Copolyer	Proprietary	26.5
Dipropylene Glycol Butoxy Ether	29911-28-2	1.5
Ethyl-3-ethoxypropionate	763-69-9	1.2
Dibasic ester	1119-40-0, 627-93-0	1.25
Water	7732-18-5	69.55

**SECTION 3: HAZARDS IDENTIFICATION**

This product is a milky, opaque liquid with a mild acrylic odor.

**EMERGENCY OVERVIEW**

**CAUTION!**

Contact may cause eye, skin and respiratory irritation. May be harmful if swallowed.

This product is one part of a two part product. Read and understand the hazardous information on the MSDS for Part B before using this product.

**HEALTH HAZARDS:**

**INHALATION:** Inhalation of vapors or mist may cause mucous membrane and upper respiratory tract irritation with sore throat, coughing and sneezing. High vapor concentrations may cause dizziness.

**SKIN CONTACT:** Skin contact may cause irritation with redness and swelling. If the product dries on the skin, it will be difficult to remove without injuring the skin.

**EYE CONTACT:** Contact may cause irritation with redness and tearing.

**INGESTION:** Swallowing may cause gastrointestinal irritation with abdominal pain, nausea, vomiting and diarrhea.

**CHRONIC EFFECTS OF OVEREXPOSURE:** None known.

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**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:** Individuals with chronic eye, skin and respiratory disorders may be at increased risk from exposure to this material.

**SECTION 4 FIRST AID MEASURES**

**EYE CONTACT:** Flush eye with water for 15 minutes while lifting the upper and lower lids. Get medical attention if irritation persists.

**SKIN CONTACT:** Do not allow the product to dry on skin. Immediately wash thoroughly with soap and water. Remove contaminated clothing and launder before reuse. Get medical attention if irritation persists.

**INHALATION:** Remove victim to fresh air. If breathing has stopped give artificial respiration. If breathing is difficult have qualified personnel administer oxygen. Get medical attention.

**INGESTION:** If conscious, rinse out mouth with water and give 1 glass of water to dilute. Do not induce vomiting unless directed to by medical personnel. Never give anything by mouth to a person who is unconscious or convulsing. Get medical attention.

**SECTION 5 FIRE FIGHTING MEASURES**

**FLASH POINT:** Non-flammable

**FLAMMABLE LIMITS: (vol % in air)**                      **LEL – N/A**                      **UEL – N/A**

**AUTOIGNITION TEMPERATURE:** Not applicable

**EXTINGUISHING MEDIA:** Use any media appropriate for surrounding fire.

**SPECIAL FIREFIGHTING PROCEDURES:** Firefighters should wear full emergency equipment and NIOSH approved positive pressure self-contained breathing apparatus.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Thermal decomposition may yield oxides of carbon and nitrogen and fluorine compounds.

**SECTION 6 ACCIDENTAL RELEASE MEASURES**

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** Wear appropriate protective clothing and equipment to prevent contact. Dike spill and collect into closable containers for disposal with an inert absorbent. Prevent spill from entering sewers and waterways.

**SECTION 7 HANDLING and STORAGE**

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:** Keep container tightly closed. Store in a cool, well ventilated area.

Avoid contact with eyes, skin and clothing. Avoid breathing vapors or mists. Do not swallow. Use with adequate ventilation. Remove and launder contaminated clothing before re-use. Wash thoroughly after handling.

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This product contains a polymer. If the product dries on the skin, it will be difficult to remove without injuring the skin.

**OTHER PRECAUTIONS:** Empty containers retain product residues. Follow all MSDS precautions in handling empty containers.

**SECTION 8 EXPOSURE CONTROLS and PERSONAL PROTECTION**

**Exposure Guidelines:**

<b>INGREDIENTS</b>	<b>CAS#.</b>	<b>EXPOSURE LIMITS</b>
Acrylic Copolyer	Proprietary	None Established
Dipropylene Glycol Butoxy Ether	29911-28-2	None Established
Ethyl-3-ethoxypropionate	763-69-9	50 ppm TWA Manufacturer 100 ppm STEL Manufacturer
Dibasic ester	1119-40-0, 627-93-0	10 mg/m <sup>3</sup> Manufacturer

**RESPIRATORY PROTECTION:** Good general ventilation (equivalent to outdoors) should be adequate under normal conditions. For spray application and in conditions where the recommended exposure limit may be exceeded use a NIOSH approved respirator with organic vapor cartridges and a dust/mist pre-filter. Selection of respiratory protection depends on the contaminant type, form and concentration. Select in accordance with OSHA 1910.134 and good Industrial Hygiene practice.

**VENTILATION:** Good general room ventilation (equivalent to outdoors) should be adequate under normal conditions. If exposures are excessive increased mechanical ventilation such as local exhaust may be required.

**GLOVES:** Neoprene, nitrile or other impervious gloves are recommended to prevent skin contact. If product is allow to dry on the skin, it will be difficult to remove with injuring the skin.

**PROTECTIVE CLOTHING:** Impervious apron, boots and other clothing are recommended if needed to prevent contact or if splashing is possible.

**EYE PROTECTION:** Wear chemical safety goggles prevent eye contact.

**OTHER PROTECTIVE EQUIPMENT:** Washing facilities should be available.

**SECTION 9 PHYSICAL and CHEMICAL PROPERTIES**

**BOILING POINT (@ 760 mmHg):** Not available

**SPECIFIC GRAVITY (H<sub>2</sub>O=1):** 1.00

**VOLATILE:** Not available

**EVAPORATION RATE:** Same as Water

**pH:**

**VOC Content:** Not available

**APPEARANCE AND ODOR:** Milky, opaque liquid with a mild acrylic odor.

**MELTING POINT:** Not applicable

**VAPOR PRESSURE:** Same as Water

**VAPOR DENSITY (AIR=1):** Same as Water

**SOLUBILITY IN WATER:** Complete

**COEFFICIENT OF WATER/OIL:** Not available

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**SECTION 10 STABILITY and REACTIVITY**

**STABILITY:** This material is stable.

**CONDITIONS TO AVOID:** None known.

**INCOMPATIBILITY:** Avoid oxidizing agents.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Thermal decomposition may yield carbon and nitrogen oxides and fluorine compounds.

**HAZARDOUS POLYMERIZATION:** Will not occur.

**SECTION 11 TOXICOLOGICAL INFORMATION**

**TOXICOLOGY DATA:** This product has not been tested as a whole. Toxicity values for the components are:

Acrylic Copolyer: No data available

Dipropylene Glycol Butoxy Ether: Oral rat LD50 1620 uL/kg; Dermal rabbit 5,860 uL/kg

Ethyl-3-ethoxypropionate: Oral rat LD0 >4500 mg/kg, Inhalation rat LC50 >1000 ppm/6 hr.

DiBASIC ester: Oral rat LD50 8191 mg/kg; Inhalation rat LC50 >11 mg/l/4 hr

**SECTION 12: ECOLOGICAL INFORMATION**

Acrylic Copolyer: No data available

Dipropylene Glycol Butoxy Ether: No data available

Ethyl-3-ethoxypropionate: 96 hr LC50 fathead minnow 50 mg/L; 48 hr EC50 daphnia magna >480 mg/L

DiBASIC Ester: 96 hr LC50 fathead minnow: 18-24 mg/L, 48 hr LC50 daphnia magna 112-150 mg/L. Readily biodegradable.

**SECTION 13: DISPOSAL CONSIDERATIONS**

**WASTE DISPOSAL METHOD:** Dispose in accordance with all local, state and federal regulations.

**SECTION 14: TRANSPORT INFORMATION**

**DOT SHIPPING NAME:** Not Regulated

**DOT HAZARD CLASSIFICATION:** N/A

**DOT LABELS REQUIRED (49CFR172.101):** None

**UN NUMBER:** N/A

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**SECTION 15: REGULATORY INFORMATION**

**OSHA HAZARD CLASSIFICATION:** Irritant

**EPA SARA 311 HAZARD CLASSIFICATION:** Acute health

**EPA SARA 313:** This product contains the following chemicals regulated under SARA Title III, section 313:

None

**CERCLA Hazardous Substances (Section 103)/RQ:** This product is not subject to CERCLA reporting requirements as it is sold. Many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

**WHMIS CLASSIFICATION:** Class D - Division 2B (Toxic material causing other chronic effects) (eye and skin irritant)

This MSDS has been prepared according to the criteria of the Controlled Products Regulation (CPR) and the MSDS contains all of the information required by the CPR.

**TOXIC SUBSTANCES CONTROL ACT:** All of the components of this product are listed on the TSCA inventory.

**CALIFORNIA PROPOSITION 65:** This product contains the following chemicals known by the State of California to cause cancer or reproductive toxicity (birth defects): formaldehyde <10 ppm (cancer) toluene <7 ppm (developmental).

**SECTION 16: OTHER INFORMATION**

NFPA Rating:      Health: 1      Fire: 0      Reactivity: 0