

MATERIAL SAFETY DATA SHEET
Artisan Nano-Acrylic Sealer & Protectant

SECTION 1 PRODUCT NAME AND COMPANY IDENTIFICATION

Product Name: Artisan Nano-Acrylic Sealer & Protectant

Manufacturer:

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

MSDS Date of Preparation: 11/17/12

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

SECTION 2 COMPOSITION/INFORMATION ON INGREDIENTS

| <u>INGREDIENTS</u> | <u>CAS#.</u> | <u>WT.%</u> |
|---------------------------------|--------------|-------------|
| Acrylate Polymer | Proprietary | 40-60% |
| Dipropylene glycol butoxy ether | 29911-28-2 | 1-5% |

SECTION 3: HAZARDS IDENTIFICATION

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

EMERGENCY OVERVIEW

May cause eye irritation. Prolonged skin contact may cause irritation. Swallowing may cause gastrointestinal irritation.

HEALTH HAZARDS:

INHALATION: Inhalation of mists may cause respiratory irritation, headache, dizziness and nausea.

SKIN CONTACT: Prolonged or repeated contact may cause mild irritation with redness.

EYE CONTACT: May cause irritation with redness and tearing.

INGESTION: Swallowing may cause gastrointestinal irritation and nausea.

CHRONIC EFFECTS OF OVEREXPOSURE: Dipropylene glycol butoxy ether has been shown to cause adverse effects of the liver, kidneys and respiratory tract in studies with laboratory animals. These effects are believed to be species specific and unlikely to occur in humans.

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

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SECTION 4 FIRST AID MEASURES

EYE CONTACT: Immediately flush eyes with water for 15 minutes while lifting the upper and lower lids. Get medical attention if irritation persists.

SKIN CONTACT: Wash with soap and water. Remove contaminated clothing and launder before reuse. Get medical attention if irritation or symptoms of exposure develop.

INHALATION: Remove victim to fresh air. If breathing is difficult have qualified personnel administer oxygen. Get medical attention if irritation or symptoms persist.

INGESTION: If conscious, rinse mouth out with water. Do not induce vomiting. Never give anything by mouth to a person who is unconscious or convulsing. Get medical attention.

SECTION 5 FIRE FIGHTING MEASURES

FLASH POINT: >200°F

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 carbon oxides, nitrogen oxides, aldehydes and other products of incomplete combustion.

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. Wash spill area with soap and water.

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

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

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SECTION 8 EXPOSURE CONTROLS and PERSONAL PROTECTION

Exposure Guidelines:

| INGREDIENTS | CAS#. | EXPOSURE LIMITS |
|---------------------------------|--------------|---|
| Acrylate Polymer | Proprietary | None Established |
| Dipropylene glycol butoxy ether | 29911-28-2 | 10 mg/m ³ (aerosol) Manufacturer |

RESPIRATORY PROTECTION: None needed under normal use conditions. If significant quantities of mist are generated, an approved organic vapor/dust/mist respirator is recommended. Equipment selection depends on containment type and concentration, select in accordance with local regulations and good industrial hygiene practice. For firefighting, use self-contained breathing apparatus.

VENTILATION: Good general room ventilation (equivalent to outdoors) should be adequate under normal conditions.

GLOVES: Rubber or other impervious gloves are recommended for prolonged skin contact.

EYE PROTECTION: Wear safety goggles to prevent eye contact.

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

OTHER PROTECTIVE EQUIPMENT: Washing facilities should be available.

SECTION 9 PHYSICAL and CHEMICAL PROPERTIES

BOILING POINT (@ 760 mmHg): 212° F

SPECIFIC GRAVITY (H₂O=1): 1.031

VOC: 97 g/l

EVAPORATION RATE: Same as Water

pH: 8.8-9.2

APPEARANCE AND ODOR: This product is a milky, opaque liquid with a mild odor.

FREEZING POINT: <32°F

VAPOR PRESSURE: Not available

VAPOR DENSITY (AIR=1): Not available

SOLUBILITY IN WATER: Soluble

COEFFICIENT OF WATER/OIL: Not available

SECTION 10 STABILITY and REACTIVITY

STABILITY: This material is stable.

CONDITIONS TO AVOID: Do not freeze.

INCOMPATIBILITY: Avoid contact with strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decompositions may produce carbon monoxide, carbon dioxide, nitrogen oxides, aldehydes, ketones, organic acids and other products of incomplete combustion.

HAZARDOUS POLYMERIZATION: Will not occur.

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SECTION 11 TOXICOLOGICAL INFORMATION

TOXICOLOGY DATA:

Acrylate Polymer: Oral rat LD50 >5,000 mg/kg

Dermal rabbit LD50 >2,000 mg/kg

Dipropylene glycol butoxy ether: Oral rat LD50 >3,700 mg/kg

Dermal rabbit LD50 >5,330 mg/kg

Inhalation rat LC50 >2.04 mg/l /4 hr.

SECTION 12: ECOLOGICAL INFORMATION

Acrylate Polymer: No data available

Diethylene glycol monobutyl ether: 96 hr. LC50 daphnia magna: >1,000 mg/L

96 hr. LC50 guppy: 841 mg/L

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

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.

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

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CALIFORNIA PROPOSITION 65: This product contains the following chemical which is known to the State of California to cause cancer or reproductive toxicity (birth defects): benzene < 1 ppm (cancer, developmental, male reproductive toxicity); ethylene oxide <1 ppm (cancer, female reproductive toxicity), toluene (developmental) <1 ppm

WHMIS CLASSIFICATION: Class D - Division 2B (Toxic material causing other chronic effects)

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.

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| SECTION 16: OTHER INFORMATION |
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NFPA Rating: Health: 1 Fire: 0 Reactivity: 0