# SAFETY DATA SHEET

**Issuing Date** 11-May-2015 **Revision Date** 11-May-2015 **Revision Number** 2



## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

**Product identifier**

**Product Name** **Metacrylics Acrylic White GEL**

**Other means of identification**

**Synonyms** None

**Recommended use of the chemical and restrictions on use**

**Recommended Use** Roof Coating

**Uses advised against** No information available

**Details of the supplier of the safety data sheet**

**Supplier Name** Metacrylics

**Supplier Address** 365 Obata Court
Gilroy
CA
95020
US

**Supplier Phone Number** Phone:4082105472
Fax:4082806329
Contact Phone4084127240

**Supplier Email** mark@metacrylics.com

**Emergency telephone number**

## 2. HAZARDS IDENTIFICATION

**Classification**

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

| | |
|---|---|
| Serious eye damage/eye irritation | Category 2 |

**GHS Label elements, including precautionary statements**

**Emergency Overview**

**Signal word** **Warning**

**Hazard Statements**
Causes serious eye irritation

**Appearance** White **Physical state** Gel Liquid **Odor** Slight surfactant

**Precautionary Statements - Prevention**
Wash face, hands and any exposed skin thoroughly after handling
Wear protective gloves/protective clothing/eye protection/face protection
Wear eye/face protection

**Precautionary Statements - Response**

**Eyes**
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
If eye irritation persists: Get medical advice/attention

**Precautionary Statements - Storage**
None

**Precautionary Statements - Disposal**
None

**Hazards not otherwise classified (HNOC)**

Not applicable

**Unknown Toxicity**
58.41548% of the mixture consists of ingredient(s) of unknown toxicity

**Other information**

Harmful to aquatic life with long lasting effects
Harmful to aquatic life

**Interactions with Other Chemicals**
No information available.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

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| Chemical Name | CAS No | Weight-% | Trade Secret |
|---|---|---|---|
| Limestone | 1317-65-3 | 15 - 40 | * |
| Titanium dioxide | 13463-67-7 | 1 - 5 | * |
| Propylene glycol | 57-55-6 | 1 - 5 | * |
| Kaolin | 1332-58-7 | 1 - 5 | * |
| Ammonium hydroxide | 1336-21-6 | 0.1 - 1 | * |

*The exact percentage (concentration) of composition has been withheld as a trade secret

## 4. FIRST AID MEASURES

**First aid measures**

**Eye contact** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Keep eye wide open while rinsing. Do not rub affected area. Get medical attention if irritation develops and persists.

**Skin contact** Wash with soap and water.

**Inhalation** Remove to fresh air.

**Ingestion** Rinse mouth immediately and drink plenty of water. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Call a physician.

**Most important symptoms and effects, both acute and delayed**

**Most Important Symptoms and Effects** Burning sensation.

**Indication of any immediate medical attention and special treatment needed**

**Notes to Physician** Treat symptomatically.

## 5. FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media**
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable extinguishing media**
CAUTION: Use of water spray when fighting fire may be inefficient.

**Specific hazards arising from the chemical**
No information available.

| | |
|---|---|
| **Uniform Fire Code** | Irritant: Liquid |

**Explosion Data**

| | |
|---|---|
| **Sensitivity to Mechanical Impact** | None. |
| **Sensitivity to Static Discharge** | None. |

**Protective equipment and precautions for firefighters**
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures**

| | |
|---|---|
| **Personal precautions** | Avoid contact with skin, eyes or clothing. Use personal protective equipment as required. |
| **Other Information** | Refer to protective measures listed in Sections 7 and 8. |

**Environmental precautions**

| | |
|---|---|
| **Environmental precautions** | See Section 12 for additional Ecological Information. |

**Methods and material for containment and cleaning up**

| | |
|---|---|
| **Methods for containment** | Prevent further leakage or spillage if safe to do so. |
| **Methods for cleaning up** | Soak up with inert absorbent material. Pick up and transfer to properly labeled containers. |

## 7. HANDLING AND STORAGE

**Precautions for safe handling**

**Handling** Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash before reuse.

**Conditions for safe storage, including any incompatibilities**

**Storage** Keep containers tightly closed in a dry, cool and well-ventilated place.

**Incompatible Products** None known based on information supplied.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Control parameters**

**Exposure Guidelines**

| Chemical Name | ACGIH TLV | OSHA PEL | NIOSH IDLH |
|---|---|---|---|
| Limestone<br>1317-65-3 | - | TWA: 15 mg/m³<br>TWA: 5 mg/m³<br>(vacated) TWA: 15 mg/m³<br>(vacated) TWA: 5 mg/m³ | TWA: 5 mg/m³ respirable dust<br>TWA: 10 mg/m³ total dust |
| Titanium dioxide<br>13463-67-7 | TWA: 10 mg/m³ | TWA: 15 mg/m³ total dust<br>(vacated) TWA: 10 mg/m³ total dust | IDLH: 5000 mg/m³ |
| Kaolin<br>1332-58-7 | TWA: 2 mg/m³ particulate matter containing no asbestos and <1% crystalline silica, respirable fraction | TWA: 15 mg/m³ total dust<br>TWA: 5 mg/m³ respirable fraction<br>(vacated) TWA: 10 mg/m³ total dust<br>(vacated) TWA: 5 mg/m³ respirable fraction | TWA: 10 mg/m³ total dust<br>TWA: 5 mg/m³ respirable dust |

**Appropriate engineering controls**

**Engineering Measures** Showers
Eyewash stations
Ventilation systems

**Individual protection measures, such as personal protective equipment**

**Eye/face protection** If there is a risk of contact:. Wear safety glasses with side shields (or goggles). None required for consumer use.

**Skin and body protection** Wear protective gloves and protective clothing.

**Respiratory protection** No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

**Hygiene Measures** Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product. Wash hands before breaks and immediately after handling the product.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical and Chemical Properties**

| | | | |
|---|---|---|---|
| **Physical state** | Gel, Liquid | | |
| **Appearance** | White | **Odor** | Slight surfactant |
| **Color** | No information available | **Odor Threshold** | No information available |

| **Property** | **Values** | **Remarks Method** |
|---|---|---|
| **pH** | 8.5 | None known |
| **Melting / freezing point** | No data available | None known |
| **Boiling point / boiling range** | 100 °C / 212 °F | None known |
| **Flash Point** | 5001 C / 9034 F | None known |
| **Evaporation Rate** | No data available | None known |
| **Flammability (solid, gas)** | No data available | None known |
| **Flammability Limit in Air** | | |
| **Upper flammability limit** | No data available | |
| **Lower flammability limit** | No data available | |
| **Vapor pressure** | No data available | None known |
| **Vapor density** | No data available | None known |
| **Specific Gravity** | No data available | None known |
| **Water Solubility** | Practically insoluble (0.1g/100ml) | None known |
| **Solubility in other solvents** | No data available | None known |
| **Partition coefficient: n-octanol/water** | No data available | None known |
| **Autoignition temperature** | No data available | None known |
| **Decomposition temperature** | No data available | None known |
| **Kinematic viscosity** | No data available | None known |
| **Dynamic viscosity** | 1.2 | None known |
| **Explosive properties** | No data available | |
| **Oxidizing properties** | No data available | |

**Other Information**

| | |
|---|---|
| **Softening Point** | No data available |
| **VOC Content (%)** | No data available |
| **Particle Size** | No data available |
| **Particle Size Distribution** | |

## 10. STABILITY AND REACTIVITY

**Reactivity**

No data available.

**Chemical stability**
Stable under recommended storage conditions.
**Possibility of Hazardous Reactions**
None under normal processing.
**Conditions to avoid**
None known based on information supplied.
**Incompatible materials**
None known based on information supplied.
**Hazardous Decomposition Products**
None known based on information supplied.

## 11. TOXICOLOGICAL INFORMATION

**Information on likely routes of exposure**

**Product Information** .

**Inhalation** Specific test data for the substance or mixture is not available. May cause irritation of respiratory tract.

**Eye contact** Specific test data for the substance or mixture is not available. Expected to be an irritant based on components. May cause redness, itching, and pain. May cause temporary eye irritation.

**Skin contact** Specific test data for the substance or mixture is not available. May cause irritation. Prolonged contact may cause redness and irritation.

**Ingestion** Specific test data for the substance or mixture is not available. Ingestion may cause irritation to mucous membranes. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

**Component Information**

| Chemical Name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|---|---|---|---|
| Titanium dioxide<br>13463-67-7 | > 10000 mg/kg ( Rat ) | - | - |
| Propylene glycol<br>57-55-6 | = 20000 mg/kg ( Rat ) | = 20800 mg/kg ( Rabbit ) | - |
| Ammonium hydroxide<br>1336-21-6 | = 350 mg/kg ( Rat ) | - | - |

**Information on toxicological effects**

**Symptoms** May cause redness and tearing of the eyes.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Sensitization** No information available.

**Mutagenic Effects** No information available.

**Carcinogenicity** The table below indicates whether each agency has listed any ingredient as a carcinogen.

| Chemical Name | ACGIH | IARC | NTP | OSHA |
|---|---|---|---|---|
| Titanium dioxide<br>13463-67-7 | | Group 2B | | X |

*IARC (International Agency for Research on Cancer)*
*Group 2B - Possibly Carcinogenic to Humans*
*OSHA (Occupational Safety and Health Administration of the US Department of Labor)*
*X - Present*

**Reproductive toxicity** No information available.

**STOT - single exposure** No information available.

**STOT - repeated exposure** No information available.

**Chronic Toxicity** Contains a known or suspected carcinogen. Titanium dioxide has been classified by the International Agency for Research on Cancer (IARC) as possibly carcinogenic to humans (Group 2B) by inhalation. This product contains titanium dioxide in a non-respirable form. Inhalation of titanium dioxide is unlikely to occur from exposure to this product.

**Target Organ Effects** Eyes. Skin. Respiratory system. Gastrointestinal tract (GI). Lungs.

**Aspiration Hazard** No information available.

**Numerical measures of toxicity Product Information**

**The following values are calculated based on chapter 3.1 of the GHS document**

**ATEmix (oral)**
77,947.00 mg/kg

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity**
The environmental impact of this product has not been fully investigated.

| Chemical Name | Toxicity to Algae | Toxicity to Fish | Toxicity to Microorganisms | Daphnia Magna (Water Flea) |
|---|---|---|---|---|
| Propylene glycol<br>57-55-6 | 96h EC50: = 19000 mg/L (Pseudokirchneriella subcapitata) | 96h LC50: = 51600 mg/L (Oncorhynchus mykiss) 96h LC50: 41 - 47 mL/L (Oncorhynchus mykiss) 96h LC50: = 51400 mg/L (Pimephales promelas) 96h LC50: = 710 mg/L (Pimephales promelas) | EC50 = 710 mg/L 30 min | 24h EC50: > 10000 mg/L 48h EC50: > 1000 mg/L |
| Ammonium hydroxide<br>1336-21-6 | | 96h LC50: = 8.2 mg/L (Pimephales promelas) | | 48h EC50: = 0.66 mg/L |

**Persistence and Degradability**
No information available.

**Bioaccumulation**
No information available

**Other adverse effects**
No information available.

## 13. DISPOSAL CONSIDERATIONS

**Waste treatment methods**

**Disposal methods** This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

**Contaminated Packaging** Dispose of contents/containers in accordance with local regulations.

**California Hazardous Waste Codes** 331

| Chemical Name | California Hazardous Waste |
|---|---|
| Ammonium hydroxide<br>1336-21-6 | Toxic<br>Corrosive |

## 14. TRANSPORT INFORMATION

**DOT** NOT REGULATED
**Proper Shipping Name** NON REGULATED
**Hazard Class** N/A

**TDG** Not regulated

**MEX** Not regulated

**ICAO** Not regulated

**IATA** Not regulated
**Proper Shipping Name** NON REGULATED
**Hazard Class** N/A

**IMDG/IMO** Not regulated
**Hazard Class** N/A

**RID** Not regulated

**ADR** Not regulated

**ADN** Not regulated

## 15. REGULATORY INFORMATION

### International Inventories

TSCA Complies
DSL All components are listed either on the DSL or NDSL.

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory
**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

### US Federal Regulations

**SARA 313**
Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

| Chemical Name | CAS No | Weight-% | SARA 313 - Threshold Values % |
|---|---|---|---|
| Ammonium hydroxide - 1336-21-6 | 1336-21-6 | 0.1 - 1 | 1.0 |

**SARA 311/312 Hazard Categories**

| | |
|---|---|
| **Acute Health Hazard** | Yes |
| **Chronic Health Hazard** | No |
| **Fire Hazard** | No |
| **Sudden release of pressure hazard** | No |
| **Reactive Hazard** | No |

**CWA (Clean Water Act)**
This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

| Chemical Name | CWA - Reportable Quantities | CWA - Toxic Pollutants | CWA - Priority Pollutants | CWA - Hazardous Substances |
|---|---|---|---|---|
| Ammonium hydroxide 1336-21-6 | 1000 lb | | | X |

**CERCLA**

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

| Chemical Name | Hazardous Substances RQs | Extremely Hazardous Substances RQs | RQ |
|---|---|---|---|
| Ammonium hydroxide<br>1336-21-6 | 1000 lb | | RQ 1000 lb final RQ<br>RQ 454 kg final RQ |

## US State Regulations

### California Proposition 65

This product contains the following Proposition 65 chemicals.

| Chemical Name | California Proposition 65 |
|---|---|
| Titanium dioxide - 13463-67-7 | Carcinogen |
| Supplier Trade Secret - | Carcinogen |
| Diuron - 330-54-1 | Carcinogen |

### U.S. State Right-to-Know Regulations

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| Chemical Name | New Jersey | Massachusetts | Pennsylvania | Rhode Island | Illinois |
|---|---|---|---|---|---|
| Limestone<br>1317-65-3 | X | X | X | | |
| Titanium dioxide<br>13463-67-7 | X | X | X | | |
| Propylene glycol<br>57-55-6 | X | | X | | |
| Kaolin<br>1332-58-7 | X | X | X | | |
| Ammonium hydroxide<br>1336-21-6 | X | X | X | X | |

## International Regulations

| Component | Carcinogen Status | Exposure Limits |
|---|---|---|
| Limestone<br>1317-65-3 ( 15 - 40 ) | | Mexico: TWA= 10 mg/m³<br>Mexico: STEL= 20 mg/m³ |
| Titanium dioxide<br>13463-67-7 ( 1 - 5 ) | | Mexico: TWA= 10 mg/m³<br>Mexico: STEL= 20 mg/m³ |
| Kaolin<br>1332-58-7 ( 1 - 5 ) | | Mexico: TWA= 10 mg/m³<br>Mexico: STEL= 20 mg/m³ |

**Canada**
**WHMIS Hazard Class**
D2B - Toxic materials

## 16. OTHER INFORMATION

| | | | | |
|---|---|---|---|---|
| **NFPA** | **Health Hazards** 2 | **Flammability** 0 | **Instability** 0 | **Physical and Chemical Hazards** - |
| **HMIS** | **Health Hazards** 2 | **Flammability** 0 | **Physical Hazard** 0 | **Personal Protection** X |

**Prepared By** Product Stewardship
23 British American Blvd.

| | |
|---|---|
| | Latham, NY 12110<br>1-800-572-6501 |
| **Issuing Date** | 11-May-2015 |
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| **Revision Note** | No information available |

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

**End of Safety Data Sheet**