



SAFETY DATA SHEET

This safety data sheet complies with the requirements of: 29CFR1910.1200

Issue Date 11-May-2015

Revision Date 27-Aug-2015

Version 1

1. IDENTIFICATION

Product identifier

Product Name Elastic Cement

Other means of identification

Product Code WC 800

Synonyms 800 Elastic Cement Acrylic Mastic

Recommended use of the chemical and restrictions on use

Recommended Use White acrylic mastic used to repair roofs and seal metal roof fasteners prior to coating with white elastomeric roof coatings. For Professional/Commercial Use.

Uses advised against For exterior use only. Do not use indoors. DO NOT FREEZE.

Details of the supplier of the safety data sheet

Manufacturer Address Western Colloid, 654 E. 60th St., Los Angeles, CA 90001, - Western Colloid, 700 71st Ave., Oakland, CA 94621

Emergency telephone number

Company Phone Number

Emergency Telephone

(800) 464-8292

Call CHEMTREC Day or Night:

Within USA and Canada: 1-800 424-9300

Outside USA and Canada: 1-703-527-3887

2. HAZARDS IDENTIFICATION

Classification

OSHA Regulatory Status

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

Carcinogenicity

Category 1A

Label elements

Emergency Overview

Danger

Hazard statements

May cause cancer



Appearance Viscous

Physical state Liquid

Odor Low

Precautionary Statements - Prevention

Obtain special instructions before use

Do not handle until all safety precautions have been read and understood

Use personal protective equipment as required

Precautionary Statements - Response

IF exposed or concerned: Get medical advice/attention

Precautionary Statements - Storage

Store locked up

Precautionary Statements - Disposal

Disposal should be in accordance with applicable local, regional, national and international laws and regulations.

Hazards not otherwise classified (HNOC)

Not applicable

Other Information

Unknown acute toxicity

64.3874% of the mixture consists of ingredient(s) of unknown toxicity

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance**Mixture**

This product is a mixture.

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Common name

Acrylic White Mastic.

Synonyms

800 Elastic Cement, Acrylic Mastic.

Chemical nature

Aqueous solution.

| Chemical Name | CAS No. | Weight-% | Trade Secret |
|-------------------------------------|------------|----------|--------------|
| Styrene Acrylic Polymer Emulsion | 25036-16-2 | 30 - 40% | * |
| Water | 7732-18-5 | 30 - 40% | * |
| Calcium Carbonate | 1317-65-3 | 10 - 20% | * |
| Titanium Dioxide (Non Carcinogenic) | 13463-67-7 | 0 - 10% | * |
| Amorphous Silica (Silicon Dioxide) | 7631-86-9 | 0 - 10% | * |
| Aluminum Hydroxide | 21645-51-2 | 0 - 10% | * |
| Quartz | 14808-60-7 | 0 - 10% | * |

4. FIRST AID MEASURES

Description of first aid measures**General advice**

Under conditions of normal use, no hazards are anticipated which require special first aid measures.

Eye contact

In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Skin contact

Wash thoroughly with soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing before reuse. In the case of skin irritation or allergic reactions see a physician.

Inhalation

Move to fresh air in case of accidental inhalation of vapors. If continued difficulty with breathing is experienced, get medical attention immediately.

Ingestion

Not an expected route of exposure. If swallowed, do not induce vomiting. Get medical attention immediately.

Self-protection of the first aider

First aider: Pay attention to self-protection!

Most important symptoms and effects, both acute and delayed

Symptoms May cause skin irritation. May cause eye irritation.

Indication of any immediate medical attention and special treatment needed

Note to physicians Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Dry chemical. Carbon dioxide (CO₂). Sand. Use foam or water FOG as a last resort.

Unsuitable extinguishing media Do not use a solid water stream as it may scatter and spread fire.

Specific hazards arising from the chemical

No information available.

Hazardous combustion products Thermal decomposition (burning) may release irritating, corrosive and/or toxic gases, vapors and fumes.

Explosion data

Sensitivity to Mechanical Impact Not sensitive.

Sensitivity to Static Discharge Not sensitive.

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 No action should be taken involving any personal risk or without suitable training. Use personal protective equipment as required.

Other Information Extremely slippery when spilled.

For emergency responders Use personal protection recommended in Section 8.

Environmental precautions

Environmental precautions Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Prevent product from entering sewers, drains, or waterways. Local authorities should be advised if significant spillages can not be contained. See Section 12 for additional ecological information.

Methods and material for containment and cleaning up

Methods for containment Contain spillage with non-combustible absorbent material, e.g. sand, earth, diatomaceous earth, vermiculite.

Methods for cleaning up Pick up the absorbed material (described just above) and transfer to properly labeled containers for disposal according to local / national regulations (see Section 13).

Prevention of secondary hazards Clean contaminated objects and areas thoroughly observing environmental regulations.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling Use personal protective equipment as required. Use only outdoors.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep from freezing. Keep containers tightly closed in a cool, dry, well-ventilated place.

Incompatible materials Strong acids. Strong oxidizing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines No ACGIH or OSHA PEL is assigned to this mixture. Exposure limits for the component materials are shown below. This product, as supplied, is not believed to contain any hazardous material that exceeds exposure limits established by OSHA. .

| Chemical Name | ACGIH TLV | OSHA PEL | NIOSH IDLH |
|---|--|---|---|
| Calcium Carbonate 1317-65-3 | - | TWA: 15 mg/m ³ total dust TWA: 5 mg/m ³ respirable fraction (vacated) TWA: 15 mg/m ³ total dust (vacated) TWA: 5 mg/m ³ respirable fraction | TWA: 10 mg/m ³ total dust TWA: 5 mg/m ³ respirable dust |
| Titanium Dioxide (Non Carcinogenic) 13463-67-7 | TWA: 10 mg/m ³ | TWA: 15 mg/m ³ total dust (vacated) TWA: 10 mg/m ³ total dust | IDLH: 5000 mg/m ³ |
| Amorphous Silica (Silicon Dioxide) 7631-86-9 | - | (vacated) TWA: 6 mg/m ³ <1% Crystalline silica TWA: 20 mppcf : (80)/(%) SiO ₂ mg/m ³ TWA | IDLH: 3000 mg/m ³ TWA: 6 mg/m ³ |
| Aluminum Hydroxide 21645-51-2 | TWA: 1 mg/m ³ respirable fraction | - | - |
| Quartz 14808-60-7 | TWA: 0.025 mg/m ³ respirable fraction | (vacated) TWA: 0.1 mg/m ³ respirable dust : (30)/(%) SiO ₂ + 2 mg/m ³ TWA total dust : (250)/(%) SiO ₂ + 5 mppcf TWA respirable fraction : (10)/(%) SiO ₂ + 2 mg/m ³ TWA respirable fraction | IDLH: 50 mg/m ³ respirable dust TWA: 0.05 mg/m ³ respirable dust |

Appropriate engineering controls

Engineering Controls None under normal outdoor use conditions.

Individual protection measures, such as personal protective equipment

Eye/face protection Wear safety glasses with side shields (or goggles).

Skin and body protection Wear protective gloves and protective clothing that is resistant to chemical penetration.

Respiratory protection No protective equipment is needed under normal use conditions.

General Hygiene Considerations Wash face, hands and any exposed skin thoroughly after handling. Wash contaminated clothing before reuse.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

| | | | |
|-----------------------|---------|-----------------------|------------------|
| Physical state | Liquid | Odor | Low |
| Appearance | Viscous | Odor threshold | Negligible odor. |
| Color | White | | |

| | | |
|-------------------------------------|--------------------------|---|
| Property | Values | Remarks • Method |
| pH | Not applicable | |
| Melting point/freezing point | None / 0 °C None / 32 °F | Melting Point is not applicable. Freezing points are shown. |

| | |
|---------------------|---|
| Inhalation | Avoid breathing vapors or mists. |
| Eye contact | Avoid contact with eyes. Contact with eyes may cause irritation. |
| Skin contact | May cause irritation. |
| Ingestion | If swallowed, do not induce vomiting. Get medical attention immediately. Not an expected route of exposure. |

Component Information

The IARC Monograph (Vol 93, 2010, Carbon Black, Titanium Dioxide, Talc) states: "No significant exposure to primary particles of Titanium Dioxide is thought to occur during the use of products in which Titanium Dioxide is bound to other materials, such as in paints."
 * No significant exposure to Crystalline Silica (Quartz) is thought to occur during the use of products in which Crystalline Silica (Quartz) is bound to other materials, such as in paints and coatings. As one reference, see California Office of Health Hazard Assessment at: http://www.oehha.org/prop65/CRNR_notices/safe_use/sylicasud2.html

| Chemical Name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|---|-----------------------|-------------------------|------------------------|
| Titanium Dioxide (Non Carcinogenic) 13463-67-7 | > 10000 mg/kg (Rat) | - | - |
| Amorphous Silica (Silicon Dioxide) 7631-86-9 | > 5000 mg/kg (Rat) | > 2000 mg/kg (Rabbit) | > 2.2 mg/L (Rat) 1 h |
| Aluminum Hydroxide 21645-51-2 | > 5000 mg/kg (Rat) | - | - |
| Quartz 14808-60-7 | = 500 mg/kg (Rat) | - | - |

Information on toxicological effects

Symptoms No information available.

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

| | |
|--|--|
| Skin corrosion/irritation | Can cause skin irritation. |
| Serious eye damage/eye irritation | Irritating to eyes. |
| Irritation | Irritating to eyes and skin. |
| Corrosivity | Not classified. |
| Sensitization | May cause sensitization of susceptible persons. |
| Germ cell mutagenicity | This product does not contain any ingredients that cause germ cell mutagenicity. |
| Carcinogenicity | The table below indicates whether each agency (ACGIH, IARC, NTP, or OSHA) has listed any ingredient as a carcinogen. |

TITANIUM DIOXIDE: Titanium dioxide has been classified by IARC as possible carcinogenic to humans (Group 2B) through inhalation. This classification is based on inadequate evidence for carcinogenicity in humans, but sufficient evidence of carcinogenicity in animals (rats). It should be noted that recent studies have demonstrated that the rat may be particularly sensitive to high levels of toxicity dusts such as titanium dioxide. Epidemiology studies do not suggest an increased risk of cancer in humans from occupational exposure to titanium dioxide. If the product is a coating or dispersion containing titanium dioxide where the titanium dioxide is bound in the product matrix, it is not likely to result in significant airborne exposure unless the product itself is sprayed or otherwise dispersed in air.

| Chemical Name | ACGIH | IARC | NTP | OSHA |
|---|-------|----------|-------|------|
| Titanium Dioxide (Non Carcinogenic) 13463-67-7 | - | Group 2B | - | X |
| Amorphous Silica (Silicon Dioxide) 7631-86-9 | - | Group 3 | - | - |
| Quartz 14808-60-7 | A2 | Group 1 | Known | X |

Legend

ACGIH (American Conference of Governmental Industrial Hygienists)
 A1 - Known Human Carcinogen
 A2 - Suspected Human Carcinogen

A3 - Animal Carcinogen
 A4 - Not Classifiable as a Human Carcinogen
 IARC (International Agency for Research on Cancer)
 Group 1 - Carcinogenic to Humans
 Group 2A - Probably Carcinogenic to Humans
 Group 2B - Possibly Carcinogenic to Humans
 Group 3 - Not classifiable as a human carcinogen.
 NTP (National Toxicology Program)
 Known - Known Carcinogen
 Reasonably Anticipated - Reasonably Anticipated to be a Human Carcinogen
 OSHA (Occupational Safety and Health Administration of the US Department of Labor)
 X - Present

Reproductive toxicity None known for product as a whole.
Developmental Toxicity None known for product as a whole.
Teratogenicity None known.
STOT - single exposure No information available.
STOT - repeated exposure No information available.
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 For exterior use only. Do not use indoors.

ATEmix (oral) 78,590.00

12. ECOLOGICAL INFORMATION

Ecotoxicity

The following table lists information related to aquatic toxicity

| Chemical Name | Algae/aquatic plants | Fish | Crustacea |
|---|--|--|--|
| Diethylene glycol monobutyl ether 112-34-5 | 100: 96 h Desmodesmus subspicatus mg/L EC50 | 1300: 96 h Lepomis macrochirus mg/L LC50 static | 2850: 24 h Daphnia magna mg/L EC50 100: 48 h Daphnia magna mg/L EC50 |

Persistence and degradability

No information available.

Bioaccumulation

No information available.

Other adverse effects

No information available

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal of wastes Disposal should be in accordance with applicable local, regional, national and international laws and regulations.
Contaminated packaging Do not reuse container.

14. TRANSPORT INFORMATION

Note: This material is not subject to regulation as a hazardous material for shipping
DOT Not regulated.
TDG Not regulated.

| | |
|--------------------------|---|
| <u>MEX</u> | Not regulated. |
| <u>ICAO (air)</u> | Not regulated. |
| <u>IATA</u> | Not regulated. |
| <u>IMDG</u> | Not regulated. |
| <u>RID</u> | Not applicable in the United States. Not regulated. |
| <u>ADR</u> | Not applicable in the United States. Not regulated. |
| <u>ADN</u> | Not applicable in the United States. Not regulated. |

15. REGULATORY INFORMATION

International Inventories

| | |
|-----------------|---|
| TSCA | All of the components of this product are listed on the US TSCA (Toxic Substances Control Act) Inventory or are exempt. |
| DSL/NDSL | All of the components of this product are listed on the DSL. |

Legend:

- TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
- DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
- EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
- ENCS - Japan Existing and New Chemical Substances
- IECSC - China Inventory of Existing Chemical Substances
- KECL - Korean Existing and Evaluated Chemical Substances
- PICCS - Philippines Inventory of Chemicals and Chemical Substances
- AICS - Australian Inventory of Chemical Substances

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

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

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302).

US State Regulations

California Proposition 65

This product contains the following Proposition 65 chemicals

| Chemical Name | California Proposition 65 |
|--|---------------------------|
| Titanium Dioxide (Non Carcinogenic) - 13463-67-7 | Carcinogen |
| Quartz - 14808-60-7 | Carcinogen |

U.S. State Right-to-Know Regulations

This product contains the following substances regulated by various State Right-to-Know regulations.

| Chemical Name | New Jersey | Massachusetts | Pennsylvania |
|---|------------|---------------|--------------|
| Calcium Carbonate 1317-65-3 | X | X | X |
| Titanium Dioxide (Non Carcinogenic) 13463-67-7 | X | X | X |
| Amorphous Silica (Silicon Dioxide) 7631-86-9 | X | X | X |
| Quartz 14808-60-7 | X | X | X |

U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION

| | | | | |
|-------------|------------------|----------------|--------------------|------------------------------------|
| NFPA | Health hazards 1 | Flammability 0 | Instability 0 | Physical and Chemical Properties - |
| HMIS | Health hazards 1 | Flammability 0 | Physical hazards 0 | Personal protection - |

Prepared By Western Colloid Technical Department
 Issue Date 11-May-2015
 Revision Date 27-Aug-2015
 Revision Note
 Version 1a

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