



# SAFETY DATA SHEET

## 1. Identification

<b>Product identifier</b>	<b>Siliconized Acrylic Latex Caulk</b>	
<b>Other means of identification</b>		
<b>Product code</b>	14108	
<b>Recommended use</b>	General purpose elastomeric sealant	
<b>Recommended restrictions</b>	None known.	
<b>Manufacturer/Importer/Supplier/Distributor information</b>		
<b>Manufactured or sold by:</b>		
<b>Company name</b>	CRC Industries, Inc.	
<b>Address</b>	885 Louis Dr. Warminster, PA 18974 US	
<b>Telephone</b>		
<b>General Information</b>	215-674-4300	
<b>Technical Assistance</b>	800-521-3168	
<b>Customer Service</b>	800-272-4620	
<b>24-Hour Emergency (CHEMTREC)</b>	800-424-9300 (US) 703-527-3887 (International)	
<b>Website</b>	www.crcindustries.com	

## 2. Hazard(s) identification

<b>Physical hazards</b>	Not classified.	
<b>Health hazards</b>	Serious eye damage/eye irritation	Category 2B
<b>Environmental hazards</b>	Hazardous to the aquatic environment, long-term hazard	Category 4
<b>OSHA defined hazards</b>	Not classified.	
<b>Label elements</b>		
<b>Hazard symbol</b>	None.	
<b>Signal word</b>	Warning	
<b>Hazard statement</b>	Causes eye irritation. May cause long lasting harmful effects to aquatic life.	
<b>Precautionary statement</b>		
<b>Prevention</b>	Use with adequate ventilation. Open doors and windows or use other means to ensure a fresh air supply during use and while product is drying. If you experience any symptoms listed on this label, increase ventilation or leave the area. Wash hands thoroughly after handling. Avoid release to the environment.	
<b>Response</b>	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 attention.	
<b>Storage</b>	Keep container tightly closed. Store in a dry place.	
<b>Disposal</b>	Dispose of contents/container in accordance with local/regional/national regulations.	
<b>Hazard(s) not otherwise classified (HNOC)</b>	None known.	
<b>Supplemental information</b>	Not applicable.	

## 3. Composition/information on ingredients

### Mixtures

<b>Chemical name</b>	<b>Common name and synonyms</b>	<b>CAS number</b>	<b>%</b>
Acrylic emulsion		Proprietary	40 - 50
Calcium carbonate		1317-65-3	30 - 40
Benzoate ester		Proprietary	5 - 10
Titanium dioxide		13463-67-7	1 - 3
Ammonia		7664-41-7	< 0.3

Specific chemical identity and/or percentage of composition has been withheld as a trade secret.

## 4. First-aid measures

<b>Inhalation</b>	If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. Call a physician if symptoms develop or persist.
<b>Skin contact</b>	Rinse skin with water/shower. Get medical attention if irritation develops and persists.
<b>Eye contact</b>	Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.
<b>Ingestion</b>	Rinse mouth. Do not induce vomiting without advice from poison control center. If vomiting occurs, lean patient forward to maintain an open airway and prevent aspiration. Call a physician or poison control center immediately.
<b>Most important symptoms/effects, acute and delayed</b>	Exposed individuals may experience eye tearing, redness, and discomfort.
<b>Indication of immediate medical attention and special treatment needed</b>	Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.
<b>General information</b>	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

## 5. Fire-fighting measures

<b>Suitable extinguishing media</b>	Water fog. Foam. Dry chemical powder. Carbon dioxide (CO <sub>2</sub> ).
<b>Unsuitable extinguishing media</b>	None known.
<b>Specific hazards arising from the chemical</b>	During fire, gases hazardous to health may be formed.
<b>Special protective equipment and precautions for firefighters</b>	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
<b>Fire-fighting equipment/instructions</b>	In the event of fire, cool tanks with water spray. In the event of fire, cool tanks with water spray.
<b>General fire hazards</b>	No unusual fire or explosion hazards noted.

## 6. Accidental release measures

<b>Personal precautions, protective equipment and emergency procedures</b>	Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Use triple gloves for spill response. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.
<b>Methods and materials for containment and cleaning up</b>	This product is miscible in water. Stop the flow of material, if this is without risk. Absorb spilled product with polypads or other suitable absorbing material. Absorb residual with material such as sand. Sweep up and shovel into suitable containers for disposal. Following product recovery, flush area with water. Prevent entry into waterways, sewer, basements or confined areas. For waste disposal, see section 13 of the SDS.
<b>Environmental precautions</b>	Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Do not contaminate water. Avoid discharge into drains, water courses or onto the ground. Use appropriate containment to avoid environmental contamination. Contact local authorities in case of spillage to drain/aquatic environment. U.S. regulations may require reporting of spills of this material reaching surface waters if sheen is formed.

## 7. Handling and storage

<b>Precautions for safe handling</b>	Do not breathe vapor. Avoid contact with skin and eyes. Avoid contact with clothing. Provide adequate ventilation. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. When using do not eat or drink. Observe good industrial hygiene practices. Use care in handling/storage. Avoid release to the environment. Do not empty into drains. For product usage instructions, please see the product label.
<b>Conditions for safe storage, including any incompatibilities</b>	Store in original tightly closed container. Store in a cool, dry place out of direct sunlight. To maximize shelf life, store at temperatures below 26°C (80°F). Protect from freezing. Store away from incompatible materials (see Section 10 of the SDS).

## 8. Exposure controls/personal protection

### Occupational exposure limits

#### US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value	Form
Ammonia (CAS 7664-41-7)	PEL	35 mg/m <sup>3</sup> 50 ppm	
Calcium carbonate (CAS 1317-65-3)	PEL	5 mg/m <sup>3</sup>	Respirable fraction.

**US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)**

Components	Type	Value	Form
Titanium dioxide (CAS 13463-67-7)	PEL	15 mg/m3	Total dust.
		15 mg/m3	Total dust.

**US. ACGIH Threshold Limit Values**

Components	Type	Value
Ammonia (CAS 7664-41-7)	STEL	35 ppm
	TWA	25 ppm
Titanium dioxide (CAS 13463-67-7)	TWA	10 mg/m3

**US. NIOSH: Pocket Guide to Chemical Hazards**

Components	Type	Value	Form
Ammonia (CAS 7664-41-7)	STEL	27 mg/m3	Respirable.
		35 ppm	
		18 mg/m3	
Calcium carbonate (CAS 1317-65-3)	TWA	25 ppm	Total
		5 mg/m3	
		10 mg/m3	

<b>Biological limit values</b>	No biological exposure limits noted for the ingredient(s).
<b>Exposure guidelines</b>	Occupational Exposure Limits are not relevant to the current physical form of the product.
<b>Appropriate engineering controls</b>	Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Provide eyewash station.
<b>Individual protection measures, such as personal protective equipment</b>	
<b>Eye/face protection</b>	Wear safety glasses with side shields (or goggles).
<b>Skin protection</b>	
<b>Hand protection</b>	Wear protective gloves such as: Nitrile. Neoprene.
<b>Other</b>	Wear appropriate chemical resistant clothing.
<b>Respiratory protection</b>	In case of insufficient ventilation, wear suitable respiratory equipment. If mists or sprays are created, use appropriate respiratory protection. Oxygen levels below 19.5% considered IDLH by OSHA. In such instances, use full-facepiece pressure demand SCBA or a full facepiece, supplied air respirator w/ auxiliary self-contained air supply. Air monitoring is needed to determine actual employee exposure levels.
<b>Thermal hazards</b>	Wear appropriate thermal protective clothing, when necessary.
<b>General hygiene considerations</b>	Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

**9. Physical and chemical properties****Appearance**

<b>Physical state</b>	Solid.
<b>Form</b>	Paste.
<b>Color</b>	White.
<b>Odor</b>	Mild. Acrylic.
<b>Odor threshold</b>	Not available.
<b>pH</b>	7 - 9
<b>Melting point/freezing point</b>	< 32 °F (< 0 °C)
<b>Initial boiling point and boiling range</b>	212 °F (100 °C) estimated
<b>Flash point</b>	> 200 °F (> 93.3 °C) Tag Closed Cup
<b>Evaporation rate</b>	Slow.
<b>Flammability (solid, gas)</b>	Not available.

### Upper/lower flammability or explosive limits

Flammability limit - lower (%) 2.6 % estimated

Flammability limit - upper (%) 12.6 % estimated

Vapor pressure 225.2 hPa estimated

Vapor density > 1 (air = 1)

Relative density 1.4 - 1.5

Solubility (water) Soluble.

Partition coefficient (n-octanol/water) Not available.

Auto-ignition temperature Not available.

Decomposition temperature Not available.

Viscosity (kinematic) Not available.

Percent volatile Not available.

### Other information

Dynamic viscosity 600000 cP

## 10. Stability and reactivity

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**Reactivity** The product is stable and non-reactive under normal conditions of use, storage and transport.

**Chemical stability** Material is stable under normal conditions.

**Possibility of hazardous reactions** No dangerous reaction known under conditions of normal use. Product cures slowly upon contact with air.

**Conditions to avoid** Heat, flames and sparks. Avoid temperatures exceeding the flash point. Contact with incompatible materials.

**Incompatible materials** Strong acids.

**Hazardous decomposition products** Carbon oxides. Titanium oxides. Formaldehyde.

## 11. Toxicological information

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### Information on likely routes of exposure

**Ingestion** If swallowed, mild irritation to mouth, throat and other tissues of gastrointestinal system may result. May cause nausea, vomiting and diarrhea.

**Inhalation** Overexposure to vapors during application and curing may mildly irritate respiratory tract and result in coughing and sneezing.

**Skin contact** May cause mild irritation. Frequent or prolonged contact may defat and dry the skin, leading to discomfort and dermatitis.

**Eye contact** Causes eye irritation.

**Symptoms related to the physical, chemical and toxicological characteristics** Exposed individuals may experience eye tearing, redness, and discomfort. May mildly irritate contaminated tissue, especially when prolonged.

### Information on toxicological effects

**Acute toxicity** Irritant effects.

Product	Species	Test Results
Siliconized Acrylic Latex Caulk		
<b>Acute</b>		
<i>Inhalation</i>		
LC50	Rat	48000 mg/l, 4 Hours estimated
LCL0	Rat	560 mg/l, 1 Hours estimated
<i>Oral</i>		
LD50	Rat	93085.1094 mg/kg estimated

\* Estimates for product may be based on additional component data not shown.

**Skin corrosion/irritation** Prolonged skin contact may cause temporary irritation.

**Serious eye damage/eye irritation** Causes eye irritation.

**Respiratory sensitization** This product is not expected to cause respiratory sensitization.

**Skin sensitization** This product is not expected to cause skin sensitization.

<b>Germ cell mutagenicity</b>	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
<b>Carcinogenicity</b>	Risk of cancer cannot be excluded with prolonged exposure.
<b>IARC Monographs. Overall Evaluation of Carcinogenicity</b>	
Formaldehyde (CAS 50-00-0)	1 Carcinogenic to humans.
<b>Reproductive toxicity</b>	This product is not expected to cause reproductive or developmental effects.
<b>Specific target organ toxicity - single exposure</b>	Not applicable.
<b>Specific target organ toxicity - repeated exposure</b>	Not classified.
<b>Aspiration hazard</b>	Not available.
<b>Chronic effects</b>	Prolonged exposure may cause chronic effects.

## 12. Ecological information

**Ecotoxicity** Accumulation in aquatic organisms is expected. May cause long lasting harmful effects to aquatic life.

Product	Species	Test Results
Siliconized Acrylic Latex Caulk		
Fish	LC50	7733.9521 mg/l, 96 hours estimated
Components	Species	Test Results
Ammonia (CAS 7664-41-7)		
<b>Aquatic</b>		
Fish	LC50	Chinook salmon ( <i>Oncorhynchus tshawytscha</i> ) 0.43 - 0.47 mg/l, 96 hours
Titanium dioxide (CAS 13463-67-7)		
<b>Aquatic</b>		
Crustacea	EC50	Water flea ( <i>Daphnia magna</i> ) > 1000 mg/l, 48 hours
Fish	LC50	Mummichog ( <i>Fundulus heteroclitus</i> ) > 1000 mg/l, 96 hours

\* Estimates for product may be based on additional component data not shown.

<b>Persistence and degradability</b>	No data is available on the degradability of this product.
<b>Bioaccumulative potential</b>	No data available.
<b>Mobility in soil</b>	No data available.
<b>Other adverse effects</b>	No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

## 13. Disposal considerations

<b>Disposal of waste from residues / unused products</b>	This product, in its present state, when discarded or disposed of, is not a hazardous waste according to Federal regulations (40 CFR 261.4 (b)(4)). Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the product meets RCRA criteria for hazardous waste. Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose in accordance with all applicable regulations.
<b>Hazardous waste code</b>	Not regulated.
<b>Contaminated packaging</b>	Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

## 14. Transport information

<b>DOT</b>	Not regulated as dangerous goods.
<b>IATA</b>	Not regulated as dangerous goods.
<b>IMDG</b>	Not regulated as dangerous goods.

## 15. Regulatory information

<b>US federal regulations</b>	This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200. All components are on the U.S. EPA TSCA Inventory List.
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**TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)**

Not regulated.

**SARA 304 Emergency release notification**

Not regulated.

**US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)**

Not listed.

**US EPCRA (SARA Title III) Section 313 - Toxic Chemical: Listed substance**

Not listed.

**CERCLA Hazardous Substance List (40 CFR 302.4)**

Not listed.

**CERCLA Hazardous Substances: Reportable quantity**

Not listed.

Spills or releases resulting in the loss of any ingredient at or above its RQ require immediate notification to the National Response Center (800-424-8802) and to your Local Emergency Planning Committee.

**Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List**

Not regulated.

**Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)**

Not regulated.

**Safe Drinking Water Act (SDWA)** Not regulated.

**Food and Drug Administration (FDA)** Not regulated.

**Superfund Amendments and Reauthorization Act of 1986 (SARA)**

**Section 311/312** Immediate Hazard - Yes  
**Hazard categories** Delayed Hazard - No  
 Fire Hazard - No  
 Pressure Hazard - No  
 Reactivity Hazard - No

**SARA 302 Extremely hazardous substance** No

**US state regulations****US. New Jersey RTK - Substances: Listed substance**

Ammonia (CAS 7664-41-7)  
 Calcium carbonate (CAS 1317-65-3)  
 Titanium dioxide (CAS 13463-67-7)

**US. Massachusetts RTK - Substance List**

Calcium carbonate (CAS 1317-65-3)  
 Titanium dioxide (CAS 13463-67-7)

**US. Pennsylvania RTK - Hazardous Substances**

Ammonia (CAS 7664-41-7)  
 Calcium carbonate (CAS 1317-65-3)  
 Titanium dioxide (CAS 13463-67-7)

**US. Rhode Island RTK**

Ammonia (CAS 7664-41-7)

**US. California Proposition 65**

WARNING: This product contains a chemical known to the State of California to cause cancer.

**US - California Proposition 65 - CRT: Listed date/Carcinogenic substance**

Formaldehyde (CAS 50-00-0) Listed: January 1, 1988

**Volatile organic compounds (VOC) regulations****EPA**

**VOC content (40 CFR 51.100(s))** < 1.5 %

**Consumer products (40 CFR 59, Subpt. C)** Not regulated

**State**

**Consumer products** This product is regulated as a Sealant and Caulking Compound (non-chemically curing, non-aerosol). This product is compliant for use in all 50 states.

**VOC content (CA)** < 1.5 %

**VOC content (OTC)** < 1.5 %

## International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	No
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	Yes
China	Inventory of Existing Chemical Substances in China (IECSC)	No
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	No
New Zealand	New Zealand Inventory	No
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

## 16. Other information, including date of preparation or last revision

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<b>Issue date</b>	02-10-2014
<b>Prepared by</b>	Allison Cho
<b>Version #</b>	01
<b>Further information</b>	Not available.
<b>HMIS® ratings</b>	Health: 1 Flammability: 1 Physical hazard: 0 Personal protection: B
<b>NFPA ratings</b>	Health: 1 Flammability: 1 Instability: 0
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