



# Safety Data Sheet


## 1 IDENTIFICATION

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<b>Product identifier</b>	<b>Rapid Set Non Sag Sealant (Sandstone)</b>
<b>Other means of identification</b>	
<b>Product code</b>	196332010
<b>Recommended use</b>	Industrial use
<b>Recommended restrictions</b>	Appropriate training in the proper use and handling of this material should be provided as required under applicable regulations.
<b>Manufacturer/Importer/Supplier/Distributor information</b>	
<b>Company name</b>	CTS Cement Manufacturing Corporation
<b>Address</b>	11065 Knott Ave Suite A Cypress, CA 90630 United States
<b>Telephone</b>	1-800-929-3030
<b>E-mail</b>	<a href="mailto:info@ctscement.com">info@ctscement.com</a>
<b>Contact person</b>	Safety Officer
<b>Emergency telephone number</b>	1-800-929-3030 (8 AM - 5 PM)

## 2 HAZARDS IDENTIFICATION

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<b>Physical hazards</b>	Not classified	
<b>Health Hazards</b>	Irritant	Category 2
<b>OSHA defined hazards</b>	Not classified	
<b>Label elements</b>		
<b>Pictogram(s):</b>		
<b>Signal Word</b>	Warning	
<b>Hazard statement</b>	H315: Can cause skin irritation. H317: May cause allergic skin reaction H319: Causes serious eye irritation.	

**Precautionary statement**

<b>Prevention</b>	P273: Avoid release to environment P280: Wear protective gloves/protective clothing/eye protection
<b>Response</b>	P302+P352: If on skin: wash with plenty of soap and water P305+P351+P338: If in eyes: rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing.
<b>Storage</b>	Store original, unopened containers in a cool, dry area. Protect unopened containers from water, heat and direct sunlight. Elevated temperatures will reduce shelf life. Will not freeze.
<b>Disposal</b>	P501: Dispose of contents/container in accordance with local/regional/national /international regulations.
<b>Hazard(s) not otherwise classified (HNOC)</b>	None known.

### 3 COMPOSITIONS/INFORMATION ON INGREDIENTS

**Mixtures**

<b>Chemical name</b>	<b>CAS number</b>	<b>Concentration</b>
Amino Silane	001760-24-3	1 – 3

**Composition comments** All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

### 4 FIRST-AID MEASURES

<b>Inhalation</b>	An unlikely route of entry. Remove to fresh air. Consult a physician.
<b>Skin contact</b>	Clean product from affected area with ethyl alcohol, then wash with soap and water.
<b>Eye contact</b>	Flush with large amounts of water for at least 15 minutes. Consult a physician if ill effects or irritation occurs.
<b>Ingestion</b>	An unlikely route of entry. Consult a physician.
<b>Most important symptoms/effects, acute and delayed</b>	Remove affected person from area. Treat symptomatically.
<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.

**General information** If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance.

## 5 FIRE-FIGHTING MEASURES

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<b>Suitable extinguishing media</b>	Water, carbon dioxide, dry chemical, foam.
<b>Unsuitable extinguishing media</b>	Not determined.
<b>Specific hazards arising from the chemical</b>	Thermal decomposition products include carbon monoxide, carbon dioxide, nitrogen oxides, aldehydes, and various polymer compounds. Hydrolysis will produce small amounts of methanol.
<b>Special protective equipment</b>	None. Full emergency equipment with self-contained breathing apparatus and full protective clothing should be worn by firefighters.
<b>Firefighting equipment/instructions</b>	Full emergency equipment with self-contained breathing apparatus and full protective clothing should be worn by firefighters.
<b>Specific methods</b>	Use above mentioned firefighting procedures and consider the hazards of other involved materials. The degree of risk is governed by the burning substance and the fire conditions. Do not allow runoff from firefighting to enter drains or water courses. Collect contaminated fire extinguisher water separately. Fire residues and contaminated fire extinguisher water must be disposed of in accordance with local regulations.
<b>General fire hazards</b>	Thermal decomposition products include carbon monoxide, carbon dioxide, nitrogen oxides, aldehydes, and various polymer compounds. Hydrolysis will produce small amounts of methanol.

## 6 ACCIDENTAL RELEASE MEASURES

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<b>Personal precautions, protective equipment and emergency procedures</b>	Use personal protection recommended in Section 8. Avoid eye, skin and clothing contact.
<b>Methods and materials for containment and cleaning up</b>	Collect spill with absorbent material such as cardboard, allow to cure and place into a container approved for waste disposal.
<b>Environmental precautions</b>	Follow applicable OSHA regulations (29 CFR 1910.120).

## 7 HANDLING AND STORAGE

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<b>Precautions for safe handling</b>	Use personal protection recommended in Section 8. Avoid eye, skin and clothing contact. Product is not considered flammable under normal conditions, and product is not considered explosive.
<b>Conditions for safe storage, including any incompatibilities</b>	Store in a cool dry area (this product polymerizes when in contact with moisture).

## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

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<b>Occupational exposure limits</b>	No specific controls are needed.
<b>Biological limit values</b>	No known applicable information.
<b>Exposure guidelines</b>	None required in adequately ventilated areas.
<b>Appropriate engineering controls</b>	No special controls needed.
<b>Individual protection measures, such as personal protective equipment</b>	
<b>Eye/face protection</b>	Wear safety glasses or goggles to avoid eye contact.
<b>Skin protection</b>	
<b>Hand protection</b>	Wear impervious gloves such as vinyl to minimize contact with skin.
<b>Other</b>	Wear long sleeved shirts and trousers.
<b>Respiratory protection</b>	None required in adequately ventilated areas.
<b>Thermal hazards</b>	No specific controls are needed.
<b>General hygiene considerations</b>	When using, do not eat, drink or smoke. 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

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<b>Appearance</b>	
<b>Physical state</b>	Paste
<b>Form</b>	Paste
<b>Color</b>	Sandstone
<b>Odor</b>	Mild mint scent
<b>Odor threshold</b>	No data
<b>pH</b>	No data
<b>Melting point/freezing point</b>	No data
<b>Initial boiling point and boiling range</b>	No data
<b>Flash point</b>	No data
<b>Evaporation rate</b>	No data

<b>Flammability (solid, gas)</b>	Not available
<b>Upper/lower flammability or explosive limits</b>	
<b>Flammability limit – lower (%)</b>	NA
<b>Flammability limit – upper (%)</b>	NA
<b>Vapor pressure</b>	< 1
<b>Vapor density</b>	> 1 (Air=1)
<b>Relative density</b>	1.44
<b>Solubility(ies)</b>	
<b>Solubility (water)</b>	Insoluble
<b>Partition coefficient (n-octanol/water)</b>	No applicable information available
<b>Decomposition temperature</b>	280°C
<b>Viscosity</b>	No data
<b>Other information</b>	
<b>Bulk density</b>	12 lbs/gal
<b>Partition coefficient (oil/water)</b>	Not applicable
<b>VOC (volume %)</b>	1.50% (21.51 g/l)

## 10 STABILITY AND REACTIVITY

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<b>Reactivity</b>	The product is stable under normal conditions of use, storage, and transport.
<b>Chemical stability</b>	Material is stable under normal conditions.
<b>Possibility of hazardous reactions</b>	Thermal decomposition.
<b>Conditions to avoid</b>	None known.
<b>Incompatible materials</b>	None known.
<b>Hazardous decomposition products</b>	
<b>Decomposition products</b>	May produce toxic fumes of carbon monoxide and carbon dioxide.
<b>Thermal decomposition</b>	No decomposition if stored and handled as prescribed/indicated.

## 11 TOXICOLOGICAL INFORMATION

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### Information on likely routes of exposure

<b>Inhalation</b>	LC50 Not acutely toxic.
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**Skin contact** Slight irritation. Very low order of toxicity.

**Eye contact** Severe irritation. Causes corneal injury

**Ingestion** Very low order of toxicity.

**Symptoms related to the physical, chemical, and toxicological characteristics** See Symptoms above.

**Information on toxicological effects**

**Acute toxicity** No data on the product itself.

<b>Components</b>	<b>Species</b>	<b>Test Results</b>
Oral Toxicity	Not listed	LD50: >2,000 mg/kg
Dermal Toxicity	Not listed	LD50: > 2,000 mg/kg
Inhalation Toxicity	Not listed	LC50: Not acutely toxic

**Skin corrosion/irritation** Slight irritation. Very low order of toxicity.

**Serious eye damage/eye irritation** Severe irritation. Causes corneal injury

**Respiratory or skin sensitization**

**Respiratory sensitization** No relevant data found.

**Skin sensitization** No relevant data found

**Germ cell mutagenicity** No relevant data found.

**Carcinogenicity** None

**IARC Monographs. Overall Evaluation of Carcinogenicity** None

**NTP Report on Carcinogens** None

**OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)** Not listed

**Reproductive toxicity** No

**Specific target organ toxicity – single exposure** No relevant data found

**Specific target organ toxicity – repeated exposure** No relevant data found

**Aspiration hazard** No relevant data found

**Chronic effects** No relevant data found

## 12 ECOLOGICAL INFORMATION

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<b>Ecotoxicity</b>	The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.
<b>Toxicity</b>	
<b>Aquatic Toxicity:</b>	No known applicable information.
<b>Persistence and degradability</b>	No known applicable information.
<b>Bioaccumulative potential</b> <b>Bioaccumulation</b>	No known applicable information.
<b>Partition Coefficient: N- Octanol/ Water (Low P<sub>ow</sub>)</b>	No known applicable information.
<b>Mobility in soil</b>	No known applicable information.
<b>Partition Coefficient (K<sub>oc</sub>)</b> <b>Other adverse effects</b>	No known applicable information. No data available.

## 13 DISPOSAL CONSIDERATIONS

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<b>Disposal instructions</b>	If this product as supplied becomes a waste, it does not meet the criteria of a hazardous waste as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. This product becomes a firm synthetic rubber when cured. Please allow to cure before disposal.
<b>Local disposal regulations</b>	Dispose in accordance with all applicable regulations.
<b>Hazardous waste code</b>	The waste code should be assigned in discussion between the user, the producer and the waste disposal company.
<b>Waste from residues/unused products</b>	Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).
<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

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<b>USDOT</b>	Not regulated.
<b>Hazard Class</b>	NA
<b>UN Number</b>	NA
<b>Packing Group</b>	NA
<b>IATA/ ICAO</b>	Not regulated.

**IMDG** Not regulated as dangerous goods.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not applicable

**IMO SHIPPING DATA** Not regulated.

## 15 REGULATORY INFORMATION

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### US federal regulations

**Rotterdam Convention (PIC) Annex III:** Listed (Tributyl tin compounds ( impurities) < 2 ppm)

**OSHA Hazard Communication Standard, 29 CFR 1910.1200** - Irritant

#### **TSCA (Toxic Substance Control Act)**

All components are listed in the TSCA chemical substance inventory

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

Not listed

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

Not applicable.

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

**Sara Title III**

**Section 302 Extremely Hazardous Substances:** None

**Section 304:** Not applicable

**Section 311/312 Hazard Class:** Immediate (Acute) health hazard

**Section 313 Listed Ingredients:** None

### Other federal regulations

**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

### US state regulations

**US. California Proposition 65**

**US - California Proposition 65 - Carcinogens & Reproductive Toxicity (CRT): Listed substance**

WARNING: This product does not contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.



## International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

\*A "Yes" indicates this product complies 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 OF LAST REVISION

<b>Issue date</b>	8 February 2017
<b>Revision date</b>	16 February 2017
<b>Version #</b>	01
<b>HMIS® ratings</b>	Health: 1 Flammability: 0 Reactivity: 0
<b>Disclaimer</b>	CTS Cement Manufacturing Corporation cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information in the sheet was written based on the best knowledge and experience currently available.