



Safety Data Sheet

According to OSHA Communication Standard, 29 CFR 1910.1200

Rapid Set Self Leveling Sealant

SECTION 1: Identification

Product identifier

Product name: Rapid Set Self Leveling Sealant (Gray, Light Gray, Sandstone, Black)

Product code: 196431010, 196430010, 196432010, 196431028, 196432028

Recommended use of the product and restriction on use

Relevant identified uses: Use for interior and exterior horizontal sealant applications

Uses advised against: Vertical and overhead applications. All uses not specified in this section or in section 7.3

Reasons why uses advised against: Not determined or not applicable.

Manufacturer or supplier details

Manufacturer:

United States

CTS Cement Manufacturing Corporation

12442 Knott St.

Garden Grove, CA 92841

800-929-3030

info@ctscement.com

Emergency telephone number:

United States

INFOTRAC 1-800-535-5053

International

INFOTRAC 1-352-323-3500

SECTION 2: Hazard(s) identification

GHS classification:

Acute Toxicity – Oral – Category 4

Reproductive toxicity – Category 1B

Carcinogenicity – Category 1A

Serious Eye Damage/Eye Irritation Category 2A

Specific Target Organ Toxicity – Single Exposure – Category 1 (central nervous system)

Specific Target Organ Toxicity – Repeated Exposure – Category 1 (respiratory system)

Specific Target Organ Toxicity – Repeated Exposure – Category 2 (bladder)

Label elements

Hazard Pictograms:



Signal word: DANGER

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Rapid Set Self Leveling Sealant**Hazard statements:**

- H302 Harmful if swallowed.
- H318 Causes serious eye irritation.
- H350 May cause cancer.
- H360 May damage fertility or the unborn child.
- H370 Causes damage to organs.
- H372 Causes damage to organs through prolonged or repeated exposure.
- H373 May cause damage to organs through prolonged or repeated exposure.

Precautionary statements:

- P201 Obtain special instructions before use.
- P202 Do not handle until all safety precautions have been read and understood.
- P260 Do not breathe dust/fume/gas/mist/vapors/spray.
- P264 Wash thoroughly after handling.
- P270 Do not eat, drink or smoke when using this product.
- P280 Wear eye protection/face protection.
- P307+P311 If exposed: Call a POISON CENTER or doctor/physician.
- P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P337+P313 If eye irritation persists: Get medical advice/attention.
- P301+P312 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.
- P330 Rinse mouth.
- P314 Get medical advice/attention if you feel unwell.
- P321 Specific treatment (see label).
- P405 Store locked up.
- P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazards not otherwise classified: Oral 71.91% of the mixture consists of ingredient(s) of unknown acute toxicity.

SECTION 3: Composition/information on ingredients

Identification	Name	Weight %
CAS number: 1317-65-3	Calcium Carbonate	30-55
CAS number: 25322-69-4	Polypropylene glycol	15-25
CAS number 2768-02-7	Trimethoxyvinylsilane	1-5
CAS number: 13463-67-7	Titanium dioxide	0.5-1
CAS number: 818-08-6	Dibutyltin Oxide	0.5-0.8



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Additional Information:

The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret in accordance with paragraph (i) of the OSHA Hazard Communication Standard (29 CFR §1910.1200).

SECTION 4: First aid measures

Description of first aid measures

General notes:

None determine.

After inhalation:

If inhaled: If breathing is difficult, remove person to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

After skin contact:

If on skin: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse.

After eye contact:

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.

After swallowing:

If swallowed: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting.

Most important symptoms and effects, both acute and delayed

Acute symptoms and effects:

Harmful if swallowed. Causes serious eye irritation.

Delayed symptoms and effects:

May cause cancer. May damage fertility or the unborn child. Causes damage to organs. Causes damage to organs through prolonged or repeated exposure. May cause damage to organs through prolonged or repeated exposure.

Immediate medical attention and special treatment

Specific treatment:

Treat symptomatically and supportively.

Notes for the doctor:

Not determined or not applicable.

SECTION 5: Firefighting measures

Extinguishing media

Suitable extinguishing media:

Use carbon dioxide, regular dry chemical, regular foam or water.

Unsuitable extinguishing media:

Do not use high-pressure water streams.



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Specific hazards during fire-fighting:

Combustion: Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons. Heating may cause an explosion. Containers may rupture or explode.

Special protective equipment for firefighters:

Firefighters should wear full-face, self-contained breathing apparatus and impervious protective clothing. Firefighters should avoid inhaling any combustion products.

Special precautions:

Keep away from sources of ignition - No smoking Move material from fire area if it can be done without risk Avoid inhalation of vapors or combustion by-products. Dike for later disposal. Stay upwind and keep out of low areas.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures:

Wear personal protective clothing and equipment, see Section 8.

Environmental precautions:

Prevent further leakage or spillage if safe to do so. Do not flush into sanitary sewer systems, drains or surface water. Avoid release to the environment.

Methods and material for containment and cleaning up:

Keep unnecessary people away, isolate hazard area and deny entry. In case of spillage, stop the flow of material and block any potential routes to water systems. Only personnel trained for the hazards of this material should perform cleanup and disposal.

Reference to other sections:

See Section 12 for additional Ecological Information.

SECTION 7: Handling and storage

Precautions for safe handling:

Do not handle until all safety precautions have been read and understood. Do not breathe vapor or mist. Avoid contact with skin and eyes. Do not eat, drink, or smoke when using this product. Always wear recommended personal protective equipment. Wear personal protective clothing and equipment, see section 8. Wash thoroughly after handling.

Conditions for safe storage, including any incompatibilities:

Store locked up. Store in a cool dry place. Store in a well-ventilated area. Keep separated from incompatible substances. Keep container tightly closed. Empty containers may contain product residue. Store and handle in accordance with all current regulations and standards. Avoid contact with temperatures above 120 C. Incompatible materials include strong oxidizers and acids.

Specific end use(s):

Except for the instructions already specified it is not necessary to provide any special recommendation regarding the uses of this product.

SECTION 8: Exposure controls/personal protection



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Component Exposure Limits

Calcium Carbonate (1317-65-3)

OSHA: 15 mg/m³ TWA (total dust); 5 mg/m³ TWA (respirable fraction)

NIOSH: 10 mg/m³ TWA (total dust); 5 mg/m³ TWA (respirable dust)

Mexico: 10 mg/m³ TWA LMPE-PPT; 20 mg/m³ STEL [LMPE-CT]

Titanium dioxide (13463-67-7)

ACGIH: 10 mg/m³ TWA

OSHA: 15 mg/m³ TWA (total dust)

Mexico: 10 mg/m³ TWA LMPE-PPT (as Ti); 20 mg/m³ STEL [LMPE-CT] (as Ti)

Dibutyl tin (818-08-6)

ACGIH: 0.1 mg/m³ TWA (as Sn); 0.2 mg/m³ STEL (as Sn)

NIOSH: 0.1 mg/m³ TWA (except Cyhexatin, as Sn)

Appropriate engineering controls:

Ventilation equipment should be explosion-resistant if explosive concentrations of material are present. Provide local exhaust or process enclosure ventilation system.

Individual Protection Measures, such as Personal Protective Equipment

Eyes/Face Protection

Wear splash resistant safety goggles with a faceshield. Provide an emergency eye wash fountain and quick drench shower in the immediate work area.

Skin Protection

Wear appropriate chemical resistance clothing.

Glove Recommendations

Wear appropriate chemical resistant gloves.

Protective Materials

Nitrile

Respiratory Protection

Use an approved respirator if exposure limits are exceeded or if irritation develops or persists. Selection and use of respiratory protective equipment should be in accordance in the USA with OSHA General Industry Standard 29 CFR 1910.134; or in Canada with CSA Standard Z94.4.

Environmental exposure controls:

In accordance with the community legislation for the protection of the environment it is recommended to avoid environmental spillage of both the product and its container.

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Rapid Set Self Leveling Sealant**SECTION 9: Physical and chemical properties****Information on basic physical and chemical properties**

Appearance	Liquid/Paste; Various Colors
Odor	Mild
Odor threshold	Non-applicable
pH	Not available
Melting point/freezing point	Not available
Initial boiling point/range	Not available
Flash point	Not available
Evaporation rate	Not applicable
Flammability (solid, gas)	Not applicable
Upper flammability/explosive limit	Not applicable
Lower flammability/explosive limit	Not applicable
Vapor pressure	Not available
Vapor density	Not available
Specific Gravity (water=1)	1.4-1.6
Relative density	Not available
Solubilities	Slightly soluble
Partition coefficient (n-octanol/water)	Not applicable
Auto/Self-ignition temperature	Not available
Decomposition temperature	Not available
Dynamic viscosity	Not available
Kinematic viscosity	Not available
Explosive properties	Not available
Oxidizing properties	Not applicable

Other information

VOC (Weight %)	15 g/l ($\leq 3\%$ wt.)
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SECTION 10: Stability and reactivity**Reactivity:**

No reactivity hazard is expected.

Chemical stability:

Stable at normal temperatures and pressure.

Possibility of hazardous reactions:

Will not polymerize.

Conditions to avoid:

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Avoid heat, flames, sparks, and other sources of ignition. Avoid contact with incompatible materials.
Avoid contact with temperatures above 120 C.

Incompatible materials:

Strong acids, strong oxidizing materials

Hazardous decomposition products:

Upon decomposition, this product emits carbon monoxide, carbon dioxide, and/or low molecular weight hydrocarbons.

SECTION 11: Toxicological information**Information on toxicological effects:****Acute Toxicity**

Oral 1261.241 mg.

Component Analysis - LD50/LC50

The components of this material have been reviewed in various sources and the following selected endpoints are published:

Organosilane (2768-02-7)

Oral LD 50 Rat 7.40 mg/kg

Titanium dioxide (Gray, Beige) (13463-67-7)

Oral LD50 Rat >10000 mg/kg

Dibutyltin oxide (818-08-6)

Oral LD 50 Rat 44.9 mg/kg

Information on Likely Routes of Exposure**Inhalation**

May be harmful if inhaled.

Ingestion

Harmful if swallowed.

Skin Contact

May cause irritation of the skin. May cause irritation, redness, itching and burning.

Eye Contact

Causes serious eye irritation.

Immediate Effects

Skin Irritation, eye irritation

Delayed Effects

May cause cancer. May damage fertility or the unborn child. Causes damage to organs. Causes damage to organs through prolonged or repeated exposure. May cause damage to organs through prolonged or repeated exposure.

Medical Conditions Aggravated by Exposure

Skin disorders, eye disorders

Irritation/Corrosivity Data

Causes serious eye irritation

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Rapid Set Self Leveling Sealant**Respiratory Sensitization**

No information available for the product.

Dermal Sensitization

No information available for the product.

Germ Cell Mutagenicity

No information available for the product. The following components are associated with reproductive toxicity:

Dibutyl tin (CAS number: 818-08-6)

Carcinogenicity

Titanium dioxide 13463-67-7

ACGIH: A4 - Not Classifiable as a Human Carcinogen

IARC: Monograph 93 [2010] ; Monograph 47 [1989] (Group 2B (possibly carcinogenic to humans))

DFG: Category 3A (could be carcinogenic for man ;inhalable fraction with the exception of ultra small particles)

OSHA: Present

NIOSH: potential occupational carcinogen

Results of a DuPont epidemiology study showed that employees who had been exposed to titanium dioxide pigments were at no greater risk of developing lung cancer than were employees who had not been exposed to titanium dioxide pigments. No pulmonary fibrosis was found in any of the employees and no associations were observed between titanium dioxide pigment exposure and chronic respiratory disease or lung abnormalities. Based on the results of this study, DuPont concluded that titanium dioxide pigment will not cause lung cancer or chronic respiratory disease in humans at concentrations experienced in the workplace.

Reproductive Toxicity

May damage fertility or the unborn child. The following components are associated with reproductive toxicity:

Dibutyl tin (CAS number: 818-08-6)

Specific Target Organ Toxicity - Single Exposure

The following component is associated with STOT-SE (central nervous system):

Dibutyl tin (CAS number: 818-08-6)

Specific Target Organ Toxicity - Repeated Exposure

The following component is associated with STOT-RE (respiratory):

Dibutyl tin (CAS number: 818-08-6)

Aspiration Hazard

No information available for the product.

SECTION 12: Ecological information**Ecotoxicity:**

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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Rapid Set Self Leveling Sealant**Persistence and Degradability**

No information available for the product.

Bioaccumulation

No information available for the product.

Mobility

No information available for the product.

SECTION 13: Disposal considerations**Disposal methods:**

Dispose in accordance with all applicable federal, state/regional and local laws and regulations.

Disposal of Contaminated Packaging:

Dispose of properly. Recycle if possible.

Component Waste Numbers:

The US EPA has not published waste number for this product's components.

SECTION 14: Transport information**United States Transportation of dangerous goods (49 CFR DOT)**

UN number	Not regulated
UN proper shipping name	Not regulated
UN transport hazard class(es)	None
Packing group	None
Environmental hazards	None
Special precautions for user	None

International Maritime Dangerous Goods (IMDG)

UN number	Not regulated
UN proper shipping name	Not regulated
UN transport hazard class(es)	None
Packing group	None
Environmental hazards	None
Special precautions for user	None

International Air Transport Association Dangerous Goods Regulations (IATA-DGR)

UN number	Not regulated
UN proper shipping name	Not regulated
UN transport hazard class(es)	None
Packing group	None

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Environmental hazards	None
Special precautions for user	None

TDG Information:

Not regulated as dangerous goods.

SECTION 15: Regulatory information**US Federal Regulations:**

None of this product's components are listed under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 311/312 (40 CFR 370.21), SARA Section 313 (40 CFR 372.65), CERCLA (40 CFR 302.4), TSCA 12(b), or require an OSHA process safety plan.

SARA Section 311/312 (40 CFR 370 Subparts B and C) reporting categories

Carcinogenicity; Acute toxicity; Reproductive Toxicity; Serious Eye Damage/Eye Irritation; Specific Target Organ Toxicity

US State Regulations

The following components appear on one or more of the following state hazardous substances lists:

Component	CAS	CA	MA	MN	NJ	PA
Calcium carbonate	1317-65-3	No	Yes	Yes	Yes	Yes
Titanium dioxide	13463-67-7	No	Yes	Yes	Yes	Yes

Component Analysis - Inventory

Component	CAS	US	CA	EU	AU	PH	JP	KR	CN	NZ
Calcium carbonate	1317-65-3	Yes	NSL	EIN	Yes	Yes	Yes	Yes	Yes	Yes
Organosilane	2768-02-7	Yes	DSL	EIN	Yes	Yes	Yes	Yes	Yes	Yes
Titanium dioxide	13463-67-7	Yes	DSL	EIN	Yes	Yes	Yes	Yes	Yes	Yes
Dibutyltin oxide	818-08-6	Yes	DSL	EIN	Yes	Yes	Yes	Yes	Yes	Yes

California Proposition 65:

⚠ WARNING: Cancer – www.P65Warning.ca.gov.

Canada Regulations**Canadian WHMIS Ingredient Disclosure List (IDL)**

Components of this material have been checked against the Canadian WHMIS Ingredients Disclosure List. The List is composed of chemicals which must be identified on MSDSs if they are included in products which meet WHMIS criteria specified in the Controlled Products Regulations and are present above the threshold limits listed on the IDL
Dibutyltin Oxide 818-08-6 1%

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Rapid Set Self Leveling Sealant**SECTION 16: Other information****Abbreviations and Acronyms:**

ACGIH: American Conference of Governmental Industrial Hygienists
ADR: European Road Transport
AU: Australia
CA: Canada
CAS: Chemical Abstracts Service
CERCLA: Comprehensive Environmental Response, Compensation, and Liability Act
CN: China
CPR: Controlled Products Regulations
DFG: Deutsche Forschungsgemeinschaft
DOT: Department of Transportation
DSL: Domestic Substances List
EEC: European Economic Community
ECHA: European Chemicals Agency
EINECS: European Inventory of Existing Commercial Chemical Substances
EPA: Environmental Protection Agency
EU: European Association
IARC: International Agency for Research on Cancer
IMDG: International maritime dangerous goods code
IATA: International Air Transport Association
ICAO: International Civil Aviation Organization
JP: Japan
COD: Chemical Oxygen Demand
BOD5: 5-day biochemical oxygen demand
BCF: Bioconcentration factor
LD50: Lethal Dose 50
CL50: Lethal Concentration 50
EC50: Effective concentration 50
Log-POW: Octanol-water partition coefficient
Koc: Partition coefficient of organic carbon
Kow: Octanol/water partition coefficient
KR: Korea
LEL: Lower Explosive Limit
UEL: Upper Explosive Limit
NIOSH: National Institute for Occupational Safety and Health Administration
PH: Philippines
RCRA: Resource Conservation and Recovery Act
OSHA: Occupational Safety and Health Administration
RID: European Rail Transport
SARA: Superfund Amendments and Reauthorization Act
STEL: Short Term Exposure Limit
TDG: Transportation of Dangerous Goods
TSCA: Toxic Substances Control Act
TWA: Time Weighted Average
US: United States

Disclaimer:

This product has been classified in accordance with OSHA HCS 2012 guidelines. The information provided in this SDS is correct, to the best of our knowledge, based on information available. The information given is designed only as a guidance for safe handling, use, storage, transportation and disposal and is not to be considered a warranty or quality specification. The information relates only to



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the specific material designated and may not be valid for such material used in combination with any other materials, unless specified in the text. The responsibility to provide a safe workplace remains with the user.

NFPA: 2-1-0

Initial preparation date: 12/20/18

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End of Safety Data Sheet