

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product form : Mixture
Trade name : T-Rex Seal and Bond

1.2. Relevant identified uses of the substance or mixture and uses advised against

1.2.1. Relevant identified uses

Intended for general public
Main use category : Consumer use, Professional use
Use of the substance/mixture : Sealant/Adhesive

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Soudal
350 Ring Road
Elizabethtown, KY 42701
(270) 769-3385
technical@soudalaccumetric.com -
www.SoudalUSA.com

1.4. Emergency telephone number

Emergency number : (800) 424-9300 CHEMTREC
24h/24h

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification

SERIOUS EYE DAMAGE/IRRITATION Category 2A
SENSITIZATION – SKIN Category 1

Adverse physicochemical, human health and environmental effects

2.2. Label elements

Hazard pictograms (CLP) :



Signal word (CLP) :

WARNING

Hazard statements (CLP) :

: Causes serious eye irritation
May cause an allergic skin reaction

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Precautionary statements (CLP) : Get medical advice/attention if you feel unwell.
If eye irritation persists: get medical advice/attention.
If in eyes: rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If on skin: wash with plenty of soap and water.
If skin irritation or rash occurs: get medical advice attention.
Read label before use.
Wash contaminated clothing before reuse.
Avoid breathing dust/fume/gas/mist/vapors/spray.
Avoid release to environment.
Wear eye protection/face protection.
Wear protective gloves.
Dispose of contents and container in accordance with all local, regional, national, and international regulations.

Extra phrases :

2.3. Other hazards

No data available.

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%
Calcium Carbonate	CAS-No.: 1317-65-3	15 – 45
Precipitate Calcium Carbonate	CAS-No.: 471-34-1	15 – 45
Titanium Dioxide	CAS-No.: 13463-67-7	0 – 5
Distillates (petroleum) hydrotreated middle	CAS-No.: 64742-46-7	1 – 4
Diisodecyl phthalate	CAS-No.: 26761-40-4	1 – 4
N-beta-(aminoethyl)-gamma-aminopropyltrimethoxysilane	CAS-No.: 1760-24-3	< 1
Dibutyltin diacetylacetonate	CAS-No.: 22673-19-4	< 0.5

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general : Treat according to person's condition and specifics of exposure.
First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact : Wash skin with plenty of water. Take off contaminated clothing. If skin irritation occurs: Get medical advice/attention.
First-aid measures after eye contact : Rinse eyes with water as a precaution.
First-aid measures after ingestion : Do not induce vomiting. Call a physician immediately.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/effects after skin contact : Irritation
Symptoms/effects after skin contact : Irritation.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.



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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.
Unsuitable extinguishing media : None known

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire : carbon monoxide, carbon dioxide, silicone dioxide
Unusual Fire and Explosion Hazards : Exposure to combustion products may be a hazard to health.

5.3. Advice for firefighters

Fire Fighting Procedures: Use water spray to cool unopened containers. Evacuate area. Collect contaminated fire extinguishing water separately. Do not discharge into drains. Fire residues and contaminated fire extinguisher water must be disposed of in accordance with local regulations.

Special protective equipment for firefighters: In the event of fire, wear self-contained breathing apparatus. Use personal protective equipment.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures : Use personal protective equipment. Follow safe handling advice and personal protective equipment recommendations.

6.1.2. For emergency responders

Protective equipment : Use personal protective equipment. Follow safe handling advice and personal protective equipment recommendations. For further information refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

For containment : Discharge into environment must be avoided. Prevent further leakage or spillage if safe to do so. Retain and dispose of contaminated water.

Methods for cleaning up : Absorb spilled material with sand or earth. Scoop absorbed substance into closing containers. Clean contaminated surfaces with an excess of water. Wash clothing and equipment after handling. Mechanically recover the product.

Other information : Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

For further information refer to section 7, 8, 11, 12, and 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling :
Avoid breathing vapors.
Keep container closed.
Use with adequate ventilation.
Avoid contact with skin and clothing.
Wash thoroughly after handling.

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Hygiene measures : Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep container closed and store in a cool, well ventilated area, away from water and moisture.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

Calcium Carbonate (1317-65-3)	
OSHA (TWA)	15 mg/m ³ total dust (respirable fraction)
NIOSH (TWA)	10 mg/m ³ total dust
NIOSH (TWA)	5 mg/m ³ respirable dust
Distillates (petroleum), hydrotreated middle (64742-46-7)	
ACGIH (TWA)	5 mg/m ³
OSHA (PEL)	5 mg/m ³
OSHA (STEL)	10 mg/m ³
Titanium Dioxide (13463-67-7)	
ACGIH (TWA)	10 mg/m ³ total dust (respirable fraction)
OSHA (PEL)	15 mg/m ³ total dust (respirable fraction)
Precipitated Calcium Carbonate (471-34-1)	
OSHA (TWA)	15 mg/m ³ total dust (respirable fraction)
NIOSH (TWA)	10 mg/m ³ total dust
NIOSH (TWA)	5 mg/m ³ respirable dust

8.1.2. Recommended monitoring procedures

No additional information available

8.1.3. Air contaminants formed

No additional information available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Appropriate engineering controls:

Ensure good ventilation of the work station.

8.2.2. Personal protection equipment

Personal protective equipment symbol(s):



8.2.2.1. Eye and face protection

Eye protection:

Protective goggles

8.2.2.2. Skin protection

Skin and body protection:

Protective clothing

Hand protection:

Protective gloves against chemicals

8.2.2.3. Respiratory protection

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment.

8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls

Environmental exposure controls:

Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Paste
Color	: White
Appearance	: Smooth paste
Odor	: Slight
Odor threshold	: Not available
Melting point	: Not available
Freezing point	: Not available
Boiling point	: Not available
Flammability	: Not applicable
Explosive limits	: Not applicable
Lower explosion limit	: Not available
Upper explosion limit	: Not available
Flash point	: Sealant did not exhibit a flash below 200°F.
Auto-ignition temperature	: Not available
Decomposition temperature	: Not available
pH	: Not applicable
Viscosity, kinematic	: 1,000,000 cPs
Solubility	: Insoluble in water.
Partition coefficient n-octanol/water (Log Kow)	: Not available
Vapor pressure	: Not available
Vapor pressure at 50 °C	: Not available
Density	: 1.56 kg/l (20°C)

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Relative density : Not available
Relative vapor density at 20 °C : Not available
Particle characteristics : Not applicable

9.2. Other information

9.2.1. Information with regard to physical hazard classes

9.2.2. Other safety characteristics

VOC content : 12 g/L

SECTION 10: Stability and reactivity

10.1. Reactivity

No specific test data related to reactivity available for this product or its ingredients.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Contact with incompatible materials and exposure to extreme temperatures.

10.5. Incompatible materials

Oxidizing materials, bases, combustible materials, strong acids, strong bases

10.6. Hazardous decomposition products

Thermal breakdown of this product during fire or very high heat conditions may evolve the following hazardous decomposition products:
Carbon monoxide, carbon dioxide,

SECTION 11: Toxicological information

11.1. Information on hazard classes

Acute toxicity (oral) : Not classified
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Not classified

Calcium carbonate (1317-65-3)

LD50 oral (rat)	6,450 mg/kg
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Titanium Dioxide (13463-67-7)

LD50 oral (rat)	>10,000 mg/kg
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Distillates (petroleum), hydrotreated middle (64742-46-7)

LD50 oral (rat)	7,400 mg/kg
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LD50 dermal (rabbit)	>2,000mg/kg (inhalation)
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Precipitated Calcium Carbonate (471-34-1)



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LD50 oral (rat)	6,450 mg/kg
Diisodecyl phthalate (26761-40-4)	
LD50 oral (rat)	64 g/kg
LD50 dermal (rabbit)	>3,160 mg/kg
LC50 inhalation (rat)	>12.54 mg/L 4 h

Carcinogenicity

Titanium Dioxide (13463-67-7)
ACGIH: A4 – Not classified 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
Diisodecyl phthalate (26761-40-4)
ACGIH: 4A – Not classifiable as a Human Carcinogen (related to Tin organic compounds)
Diisodecyl phthalate (26761-40-4)
DFG: Category 3B (could be carcinogenic to humans)

Teratogenicity : Not available
Mutagenicity : Not available
Reproductive Toxicity : Not available

11.2. Information on other hazards

No additional information available

SECTION 12: Ecological information

Ecotoxicity :Not hazardous to the aquatic environment.
Persistence and degrabability :Not available
Bioaccumulation :Not available
Mobility :Not available
Other adverse effects :Not available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

We make no guarantee or warranty of any kind that the use or disposal of this product complies with all local, state, or federal laws. It is also the obligation of each user of the product mentioned herein to determine and comply with requirements and applicable statutes.

This product is not known to be regulated under RCRA regulations. Disposal of unused portions of this product and process waste containing product should be done only after a careful evaluation and in compliance with all federal, local, and state laws.

SECTION 14: Transport information

UN Number Not applicable

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UN Proper Shipping Name Not applicable
DOT Classification None
Packing Group None

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1. US Federal Regulations

TSCA

All components of this product follow the inventory listing requirements of the US Toxic Substances and Control Act (TSCA) Chemical Substances Inventory.

SARA 302 None

SARA 304 None

SARA 311/312

Acute Health Hazard Yes

Chronic Health Hazard Yes

Fire Hazard No

Sudden Release of Pressure Hazard No

Reactive Hazard No

SARA 313

None present or none present in reportable quantities.

15.1.1. US State Regulations

Massachusetts

Calcium Carbonate (1317-65-3)

Precipitated Calcium Carbonate (471-34-1)

Titanium Dioxide (13463-67-7)

Dibutyltin Diacetylacetonate (22673-19-4)

Diisodecyl phthalate (26761-40-4)

New Jersey

Calcium Carbonate (1317-65-3)

Precipitated Calcium Carbonate (471-34-1)

Titanium Dioxide (13463-67-7)

Dibutyltin Diacetylacetonate (22673-19-4)

Diisodecyl phthalate (26761-40-4)

Pennsylvania

Calcium Carbonate (1317-65-3)

Precipitated Calcium Carbonate (471-34-1)

Titanium Dioxide (13463-67-7)

Dibutyltin Diacetylacetonate (22673-19-4)

Diisodecyl phthalate (26761-40-4)

California Prop 65

WARNING: This product can expose you to chemicals including titanium dioxide, which is known to the State of California to cause cancer, and Diisodecyl phthalate, which is known to the State of California to cause birth defects and/or other reproductive harm. For more information, go to www.P65Warnings.ca.gov

SECTION 16: Other information

Indication of changes

Disclaimer: The data contained herein is based upon information that Soudal believes to be reliable. Users of this product have the responsibility to determine suitability of use and to adopt all necessary precautions to ensure the safety and protection of property and persons involved in said use. All statements or suggestions are made without warranty, expressed or implied, regarding the accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof.