



# SAFETY DATA SHEET

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

**Issue Date** 15-Oct-2025

**Revision Date** 15-Oct-2025

**Version** 1

**Product identifier**

**Product Name** All Purpose Urethane Sealant

**Other means of identification**

**Product Code** LUCAS 9600

**Synonyms** SEALANT

**Recommended use of the chemical and restrictions on use**

**Recommended Use** Sealant.

**Uses advised against** N/A

**Details of the supplier of the safety data sheet**

**Manufacturer Address** R.M. Lucas Company  
12400 South Laramie Ave  
Alsip, Illinois 60803  
(773) 523-4300

**Emergency telephone number**

**Emergency Telephone** Call CHEMTREC Day or Night:  
Within USA and Canada: 1-800 424-9300

## 2. HAZARDS IDENTIFICATION

**Classification**

**OSHA Regulatory Status**

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

Acute toxicity - Inhalation (Dusts/Mists)	Category 4
Skin sensitization	Category 1
Carcinogenicity	Category 1A

**Label elements**

**Emergency Overview**

**Danger**

**Hazard statements**  
 Harmful if inhaled  
 May cause an allergic skin reaction  
 May cause cancer

<b>Appearance</b> Viscous	<b>Physical state</b> Paste / Gel Liquid	<b>Odor</b> Lime
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**Precautionary Statements - Prevention**

Obtain special instructions before use  
 Do not handle until all safety precautions have been read and understood  
 Wear protective gloves/clothing and eye/face protection  
 Avoid breathing dust/fume/gas/mist/vapors/spray  
 Use only outdoors or in a well-ventilated area  
 Contaminated work clothing must not be allowed out of the workplace

**Precautionary Statements - Response**

IF exposed or concerned: Get medical advice/attention  
 Specific treatment (see .? on this label)  
 IF ON SKIN: Wash with plenty of water and soap  
 If skin irritation or rash occurs: Get medical advice/attention  
 Wash contaminated clothing before reuse  
 IF INHALED: Remove person to fresh air and keep comfortable for breathing

**Precautionary Statements - Storage**

Store locked up

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Hazards not otherwise classified (HNOC)**

Not applicable

**Other Information**

- May be harmful in contact with skin
  - Very toxic to aquatic life with long lasting effects
- Unknown acute toxicity 64.3 % of the mixture consists of ingredient(s) of unknown toxicity

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Substance**

Not applicable

**Mixture**

Mixture

**Common name**

Sealant and Caulk.

**Synonyms**

SEALANT.

**Chemical nature**

Mixture of moisture reactive polymers, plasticizers and fillers.

Chemical name	CAS No.	Weight-%	Trade secret
Calcium Carbonate	471-34-1	30 - 40%	*
Calcium Carbonate	1317-65-3	20 - 30%	*
Diisodecyl Pthalate	68515-49-1	10 - 20%	*
Modified Silane	Proprietary	0 - 10%	*
Titanium Dioxide	13463-67-7	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.

<b>Eye contact</b>	In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
<b>Skin contact</b>	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.
<b>Inhalation</b>	Move to fresh air in case of accidental inhalation of vapors. If continued difficulty with breathing is experienced, get medical attention immediately.
<b>Ingestion</b>	Not an expected route of exposure. If swallowed, do not induce vomiting. Get medical attention immediately.
<b>Self-protection of the first aider</b>	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 (CO<sub>2</sub>). 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**

N/A.

**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**

<b>Methods for containment</b>	Contain spillage with non-combustible absorbent material, e.g. sand, earth, diatomaceous earth, vermiculite.
<b>Methods for cleaning up</b>	Pick up the absorbed material (described just above) and transfer to properly labeled containers for disposal according to local / national regulations (see Section 13).
<b>Prevention of secondary hazards</b>	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.

#### **Conditions for safe storage, including any incompatibilities**

<b>Storage Conditions</b>	Store in a dry place away from excessive heat, in original or similar waterproof containers.
<b>Incompatible materials</b>	Strong acids. Strong oxidizing agents.

### **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

#### **Control parameters**

#### **Exposure Guidelines**

<b>Chemical name</b>	<b>ACGIH TLV</b>	<b>OSHA PEL</b>	<b>NIOSH</b>
Calcium Carbonate 471-34-1	No data available	-	TWA: 10 mg/m <sup>3</sup> total dust TWA: 5 mg/m <sup>3</sup> respirable dust
Calcium Carbonate 1317-65-3	No data available	TWA: 15 mg/m <sup>3</sup> total dust TWA: 5 mg/m <sup>3</sup> respirable fraction (vacated) TWA: 15 mg/m <sup>3</sup> total dust (vacated) TWA: 5 mg/m <sup>3</sup> respirable fraction	TWA: 10 mg/m <sup>3</sup> total dust TWA: 5 mg/m <sup>3</sup> respirable dust
Titanium Dioxide 13463-67-7	TWA: 0.2 mg/m <sup>3</sup> nanoscale respirable particulate matter TWA: 2.5 mg/m <sup>3</sup> finescale respirable particulate matter	TWA: 15 mg/m <sup>3</sup> total dust (vacated) TWA: 10 mg/m <sup>3</sup> total dust	IDLH: 5000 mg/m <sup>3</sup> TWA: 2.4 mg/m <sup>3</sup> CIB 63 fine TWA: 0.3 mg/m <sup>3</sup> CIB 63 ultrafine, including engineered nanoscale

#### **Appropriate engineering controls**

**Engineering Controls** None under normal outdoor use conditions.

#### **Individual protection measures, such as personal protective equipment**

<b>Eye/face protection</b>	Wear safety glasses with side shields (or goggles).
<b>Skin and body protection</b>	Wear protective gloves and protective clothing that is resistant to chemical penetration.
<b>Respiratory protection</b>	No protective equipment is needed under normal use conditions.
<b>General Hygiene Considerations</b>	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**



## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

<b>Product Information</b>	Toxicological testing has not been conducted for this product overall. Available toxicological data for individual ingredients are summarized below.
<b>Inhalation</b>	Avoid breathing vapors or mists.
<b>Eye contact</b>	Avoid contact with eyes.
<b>Skin contact</b>	May cause irritation.
<b>Ingestion</b>	If swallowed, do not induce vomiting. Get medical attention immediately. Not an expected route of exposure.

### **Component Information**

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Calcium Carbonate 471-34-1	= 6450 mg/kg ( Rat )	> 2000 mg/kg ( Rat )	> 3 mg/L ( Rat ) 4 h
Diisodecyl Pthalate 68515-49-1	> 60000 mg/kg ( Rat )	= 16000 mg/kg ( Rabbit )	> 0.13 mg/L ( Rat ) 6 h
Modified Silane	= 7340 µL/kg ( Rat )	= 3.54 mL/kg ( Rabbit )	= 16.8 mg/L ( Rat ) 4 h
Titanium Dioxide 13463-67-7	> 10000 mg/kg ( Rat )	-	= 5.09 mg/L ( Rat ) 4 h

### Symptoms related to the physical, chemical and toxicological characteristics

**Symptoms** N/A.

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

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

Chemical name	ACGIH	IARC	NTP	OSHA
Titanium Dioxide 13463-67-7	A3	Group 2B	-	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 to Carcinogenicity in Humans*  
 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*

<b>Reproductive toxicity</b>	None known for product as a whole.
<b>Developmental Toxicity</b>	None known for product as a whole.

Teratogenicity	None known.
STOT - single exposure	N/A.
STOT - repeated exposure	N/A.
Target organ effects	Respiratory system, Eyes, Skin, Lungs.
Aspiration hazard	N/A.

**Numerical measures of toxicity - Product Information**

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral)	9,006.20
ATEmix (dermal)	2,889.00
ATEmix (inhalation-gas)	99,999.00
ATEmix (inhalation-dust/mist)	3.08
ATEmix (inhalation-vapor)	99,999.00

**12. ECOLOGICAL INFORMATION****Ecotoxicity**

21.3 % of the mixture consists of component(s) of unknown hazards to the aquatic environment

Chemical name	Algae/aquatic plants	Fish	Crustacea
Diisodecyl Pthalate 68515-49-1	EC50: >1.3mg/L (96h, Pseudokirchneriella subcapitata)	LC50: >0.66mg/L (96h, Pimephales promelas) LC50: >1mg/L (96h, Pimephales promelas) LC50: >1mg/L (96h, Oncorhynchus mykiss) LC50: >0.62mg/L (96h, Oncorhynchus mykiss) LC50: >0.55mg/L (96h, Lepomis macrochirus)	EC50: >0.18mg/L (48h, Daphnia magna)
Modified Silane	-	LC50: =191mg/L (96h, Oncorhynchus mykiss)	-

**Persistence and degradability**

N/A.

**Bioaccumulation**

No information available.

Chemical name	Partition coefficient
Diisodecyl Pthalate 68515-49-1	8.8

**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**

<b>Note:</b>	This material is not subject to regulation as a hazardous material for shipping
<b>DOT</b>	Not regulated.
<b>TDG</b>	Not regulated.
<b>MEX</b>	Not regulated.
<b>ICAO (air)</b>	Not regulated.
<b>IATA</b>	Not regulated.
<b>IMDG</b>	Not regulated.
<b>RID</b>	Not applicable in the United States. Not regulated.
<b>ADR</b>	Not applicable in the United States. Not regulated.
<b>ADN</b>	Not applicable in the United States. Not regulated.

## 15. REGULATORY INFORMATION

### International Inventories

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

### Legend:

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

<b>Acute health hazard</b>	No	Yes
<b>Chronic Health Hazard</b>	Yes	
<b>Fire hazard</b>	No	
<b>Sudden release of pressure hazard</b>	No	
<b>Reactive Hazard</b>	No	

#### **CWA (Clean Water Act)**

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

Chemical name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Diisodecyl Pthalate 68515-49-1	-	X	-	-

#### **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) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

### US State Regulations

#### California Proposition 65

This product contains the following Proposition 65 chemicals:

Chemical name	California Proposition 65
Diisodecyl Pthalate - 68515-49-1	Developmental
Titanium Dioxide - 13463-67-7	Carcinogen

#### U.S. State Right-to-Know Regulations

Chemical name	New Jersey	Massachusetts	Pennsylvania
Calcium Carbonate 1317-65-3	X	X	X
Diisodecyl Pthalate 68515-49-1	-	-	X
Titanium Dioxide 13463-67-7	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

<u>NFPA</u>	Health hazards 2	Flammability 1	Instability 0	Special hazards -
<u>HMIS</u>	Health hazards 2 *	Flammability 1	Physical hazards 0	Personal protection -
Chronic Hazard Star Legend	* = Chronic Health Hazard			

Prepared By Lucas Technical Service Department  
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 Revision Date 15-Oct-2025  
 Revision Note N/A

#### 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**