

Lentek™ 172 Hybrid Sealant

Section 1: Identification

1.1 Identification

Product Identifier: Lentek 172

1.2. Recommended use and restrictions on use

Recommended Use: Adhesive/sealant

Restrictions on Use:

1.3 Supplier

Manufacturer
Lentus, LLC
400 Ring Road, Suite 101
Elizabethtown, KY 42701
USA
+1-270-765-2212
None

1.4. Emergency phone number

Lentus, LLC (US) 1-855-264-9021
Lentus, LLC (Outside US) 1-270-765-2212
Hours: M- F 8am – 5pm

Section 2: Hazard(s) identification

2.1. GHS classification

Skin Corrosion/Irritation: Category 2
Serious Eye Damage/Irritation: Category 2
Skin Sensitization: Category 1

2.2 GHS label elements

Symbol(s):



Signal warning: Warning
Hazard statement(s): Causes skin irritation
Causes serious eye irritation
May cause an allergic skin reaction

Precautionary statement(s):
Prevention: Wash face, hands and any exposed skin thoroughly after handling. Avoid breathing dust/fume/gas/mist/vapors/spray. Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves/protective clothing/eye protection/face protection.

Response: 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

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

Disposal: Dispose of contents/container to an approved waste disposal plant.

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Section 3: Composition/Information on ingredients

3.1. Mixtures

Chemical Name	CAS No.	Weight %
Proprietary	Proprietary	40-50
Proprietary	Proprietary	10-20
Proprietary	Proprietary	<1
Proprietary	Proprietary	<1
Proprietary	Proprietary	<1

Section 4: First-aid measures

4.1. Description of first aid measures

Inhalation:	IF INHALED: Remove to fresh air
Skin Contact:	IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing and wash it before reuse. If skin irritation or rash occurs: Get medical advice/attention.
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.
Ingestion:	IF SWALLOWED: Clean mouth with water and drink plenty of water afterwards.

4.2. Most important symptoms and effects

Symptoms/effects: May be harmful if swallowed. Causes skin irritation. Causes serious eye irritation. May cause an allergic skin reaction.

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

Notes to physician: Treat symptomatically

Section 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media: Carbon Dioxide (CO₂), dry chemical, foam, water spray (fog)
 Unsuitable extinguishing media: Not determined

5.2. Specific hazards arising from the chemical

Products may burn, but do not ignite readily.

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

5.3. 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. Move material from fire area if it can be done without risk. Cool containers with water. Avoid inhalation of vapors or combustion by-products. Use extinguishing agents appropriate for surrounding fire. Dike for later disposal. Stay upwind and keep out low areas.

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Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Wear personal protective clothing and equipment, see Section 8. Keep unnecessary people away, isolate hazard area and deny entry. Only personnel trained for the hazards of this material should perform clean up and disposal.

Environmental precautions: Avoid release to the environment.

6.2. Methods and materials for containment and cleaning up

Methods for containment: Prevent further leakage or spillage if safe to do so.

Methods for clean up: Ventilate the area. Stop leak if possible without personal risk. Absorb with sand or other non-combustible material. Collect spilled material in appropriate container for disposal.

Section 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling: Wash face, hands and any exposed skin thoroughly after handling. Avoid breathing dust/fumes gas/mist/vapors/spray. Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves/protective clothing and eye/face protection.

7.2. Conditions for safe storage, including and incompatibilities

Storage conditions: Store and handle in accordance with all current regulations and standards. Keep container tightly closed. Keep separated from incompatible substances.

Incompatibilities: Strong acids. Strong oxidizing agents.

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Section 8: Exposure controls/personal protection

8.1. Exposure guidelines

Chemical component	CAS no.	Exposure limits
Proprietary	Proprietary	OSHA PEL: TWA: 15 mg/m3 (total dust) TWA: 5 mg/m3 (respirable fraction) TWA (vacated): 15 mg/m3 (total dust) TWA (vacated): 5 mg/m3 (respirable fraction) NIOSH IDLH: TWA: 10 mg/m3 (total dust) TWA: 5 mg/m3 (respirable fraction)
Proprietary	Proprietary	NIOSH IDLH: TWA: 10 mg/m3 (total dust) TWA: 5 mg/m3 (respirable dust)
Proprietary	Proprietary	ACGIH TLV STEL: 0.2 mg/m3 Sn TWA: 0.1 mg/m3 Sn S* OSHA PEL TWA: 0.1 mg/m3 Sn (vacated) TWA: 0.1 mg/m3 Sn (vacated) S* NIOSH IDLH IDLH: 25 mg/m3 Sn TWA: 0.1 mg/m3 except Cyhexatin Sn

8.2. Appropriate engineering controls:

Provide local exhaust ventilation system. Ensure compliance with applicable exposure limits. Provide an emergency eye wash fountain and quick drench shower in the immediate work area.

8.3. Individual protection measures, such as personal protective equipment

Eye/Face Protection:

Wear splash resistant safety goggles with a face shield.

Skin and Body Protection:

Wear appropriate chemical resistant clothing. Wear appropriate chemical resistant gloves.

Respiratory Protection:

Use an approved respirator if exposure limits are exceeded or if irritation develops or persists.

General Hygiene Considerations:

Handle in accordance with good industrial hygiene and safety practice.

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Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	Paste
Appearance:	Paste
Color:	In accordance with product description
Odor:	Odorless
Odor threshold:	Not determined
pH:	Not determined
Melting point:	Not determined
Boiling point:	Not determined
Flash point:	>93.3°C (200°F)
Evaporation rate:	Not determined
Flammability (sold, gas):	Liquid-not applicable
Flammability limits in air:	Upper limit: not determined Lower limit: not determined
Vapor pressure:	Not determined
Vapor density:	1.3-1.7
Density:	13.8 lb/gal
Water Solubility:	Slightly soluble
Solubility in other solvents:	Not determined
Partition coefficient:	Not determined
Auto-ignition Temp.:	Not determined
Decomposition Temp.:	Not determined
Kinematic viscosity:	750,000 cps
Dynamic Viscosity:	Not determined
Explosive properties:	Not determined
Oxidizing Properties:	Not determined

Section 10: Stability and reactivity

10.1. Reactivity

Not reactive under normal conditions.

10.2. Chemical stability

Stable under recommended storage conditions.

10.3. Possibility of hazardous reactions

None under normal processing.

Hazardous Polymerization: Will not polymerize

10.4. Conditions to avoid

Avoid heat, sparks, open flames and other ignition sources. Avoid contact with incompatible materials.

10.5. Incompatible materials

Strong acids. Strong oxidizing agents.

10.6. Hazardous Decomposition Products

Upon decomposition, this product may yield oxides of nitrogen and ammonia, carbon dioxide, carbon monoxide, and other low molecular weight hydrocarbons.

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Section 11: Toxicological information

11.1. Information on likely routes of exposure

Eye Contact: Avoid eye contact
 Skin Contact: May be harmful in contact with skin
 Inhalation: Do not inhale
 Ingestion: May be harmful if swallowed

11.2. Component Information

Component	CAS No.	Results	Species	Dose	Exposure
Proprietary	Proprietary	LD50 Oral	Rat	=6,450 mg/kg	N/A
Proprietary	Proprietary	LD50 Oral	Rat	=6,450 mg/kg	N/A
Proprietary	Proprietary	LD50 Oral	Rat	=6,450 mg/kg	N/A
Proprietary	Proprietary	LD50 Oral	Rat	=6,450 mg/kg	N/A
Proprietary	Proprietary	LD50 Oral	Rat	=6,450 mg/kg	N/A
Proprietary	Proprietary	LD50 Oral	Rat	=6,450 mg/kg	N/A
Proprietary	Proprietary	LD50 Oral	Rat	=6,450 mg/kg	N/A
Proprietary	Proprietary	LD50 Oral	Rat	=6,450 mg/kg	N/A

11.3. Information on physical, chemical, and toxicological effects

Symptoms: Please see Section 4 of the SDS for symptoms.

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

Skin corrosion/irritation: Causes skin irritation.
 Serious eye: Causes serious eye irritation.
 Damage/irritation: May cause an allergic skin reaction.
 Sensitization: Based on the information provided, this product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.
 Carcinogenicity: Based on the information provided, this product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

11.5. Numerical measures of toxicity

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

ATEmix (oral): 4,086.00 mg/kg
 ATEmix (dermal): 3,098.00 mg/kg
 ATEmix (inhalationdust/mist): 5.1 mg/L

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Section 12: Ecological information

12.1. Exotoxicity

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.

12.2. Persistence/Degradability

Not determined

12.3. Bioaccumulation

Not determined

12.4. Mobility

Not determined

12.5. Other Adverse Effects

Not determined

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal of wastes:

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated packaging:

Disposal should be in accordance with applicable regional, national and local laws and regulations.

13.2. California hazardous waste status

Chemical component:

Proprietary

CAS no.:

Proprietary

California hazardous waste status

Toxic

Section 14: Transport information

Note

Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

DOT

Not regulated

IATA

Not regulated

IMDG

Not regulated

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Section 15: Regulatory information

15.1. International inventories

Chemical Name	TSCA	DSL/NDSL	EINECS/ELINCS	ENCS	IECSC	KECL	PICCS	AICS
Proprietary	X	X	X	X	X	X	X	X
Proprietary				X				X
Proprietary	X	X	X	X	X	X	X	X
Proprietary	X	X	X	X	X	X	X	X
Proprietary	X	X	X	X	X	X	X	X
Proprietary	X	X	X	X	X	X	X	X
Proprietary	X	X	X	X	X	X	X	X
Proprietary	X	X	X	X	X	X	X	X
Proprietary	X	X	X	X	X	X	X	X
Proprietary	X	X	X	X	X	X	X	X
Proprietary	X	X	X	X	X	X	X	X

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

15.2. US federal regulations

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).

SARA 311/312 hazard categories

Acute health hazard:	No
Chronic health hazard:	Yes
Fire hazard:	No
Sudden release of pressure hazard:	No
Reactive hazard:	No

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

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

15.3. US state regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

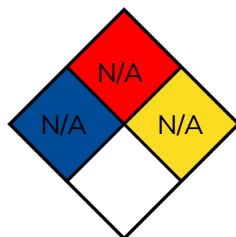
15.4. US state right-to-know regulations

Chemical Name	CAS No.	New Jersey	Massachusetts	Pennsylvania
Proprietary	Proprietary	X	X	X

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Section 16: Other information

Issue Date: 03/5/2018
Revision Date: 03/8/2018
Revision No. 1
NFPA Ratings:
Health: N/A
Fire: N/A
Reactivity: N/A



Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

HMIS III:

HEALTH	N/A
FLAMMABILITY	N/A
PHYSICAL HAZARD	N/A

0 = Not Significant, 1 = Slight, 2 = Moderate, 3 = High, 4 = Extreme, * = Chronic

Key/Legend:

AICS (Australia); DSL (Canada); IECSC (China); REACH (European Union); ENCS (Japan); ISHL (Japan); KECI (Korea); NZIoC (New Zealand); PICCS (Philippines); TCSI (Taiwan); TSCA (USA); ACGIH – USA. ACGIH Threshold Limit Values (TLV); NIOSH REL – USA. NIOSH Recommended Exposure Limits; OSHA P0 – USA. OSHA – TABLE Z-1 Limits for Air Contaminants – 1910.1000; OSHA Z-1 – USA. Occupational Exposure Limits (OSHA) – Table Z-1 Limits for Air Contaminates; OSHA Z-3 – USA. Occupational Exposure Limits (OSHA) – Table Z-3 Mineral Dusts; ACGIH / TWA – 8-hour, time-weighted average; NIOSH REL / TWA – Time-weighted average concentration for up to a 10-hour workday during a 40-hour workweek; NIOSH REL / ST – STEL – 15-minute TWA exposure that should not be exceeded at any time during a workday; OSHA P0 / TWA - 8-hour, time-weighted average; OSHA Z-1 / TWA - 8-hour, time-weighted average; OSHA Z-3 / TWA - 8-hour, time-weighted average

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.