



Safety Data Sheet

Damtite ClearShield Water Repellent Sealer Damtite ClearShield-ST Cantera Stone Sealer

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Version: 2.1

(SDS - USA/ENGLISH)

1. Identification

**Product identifier used on the label: Damtite ClearShield Water Repellent Sealer
Damtite ClearShield-ST Cantera Stone Sealer**

Recommended use and restriction on use

Recommended use: Water repellent.

Restrictions on use: None known.

Manufacturer/Importer/Supplier/Distributor Information

Supplier

Company Name: Wall Firma Inc.
Address: 733 E. Main St.
Monongahela, PA 15063
Telephone: +1 (724)258-6873
Fax: +1 (724)258-3318

Emergency telephone number: +1 (800) 424-9300 CHEMTREC

2. Hazard(s) identification

Hazard Classification

Label Elements

Hazard Symbol:



Signal Word: Warning

Hazard Statement: Causes eye irritation.
Causes mild skin irritation.

Precautionary Statement

Prevention: Use personal protective equipment as required.

Response: IF IN EYES: Rinse cautiously with water for several minutes. IF ON SKIN: Wash with plenty of soap and water. If exposed or concerned: Get medical advice/attention.

Storage: Store in a well-ventilated place.

Disposal: Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.



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Other hazards which do not result in GHS classification:

Chemical compounds containing silicon - hydrogen bonds (SiH). This product may generate hydrogen gas. For further information, refer to Section 10: "Stability and Reactivity".

3. Composition/information on ingredients

Mixtures:

General information: Aqueous emulsion of Polyorganosiloxanes

Chemical name	CAS No.	Content in percent (%)*
Poly(oxy-1,2-ethanediyl), α-tridecyl-ω-hydroxy-	24938-91-8	< 0.5%

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

This substance has workplace exposure limit(s).

PBT: persistent, bioaccumulative and toxic substance

vPvB: very persistent and very bioaccumulative substance.

Classification:

Chemical name	Classification
Poly(oxy-1,2-ethanediyl), α-tridecyl-ω-hydroxy-	DSD: Xi; R41 Xn; R22 (Directive 67/548/EEC) CLP: Acute Tox. 4; H302, Eye Dam.1; H318 (Regulation No. 1272/2008)

4. First-aid measures

General information:	For further information refer to section 8 "Exposure-controls/personal protection".
Ingestion:	Do not induce vomiting. Rinse mouth thoroughly. Get medical attention if symptoms occur.
Inhalation:	Under normal conditions of intended use, this material is not expected to be an inhalation hazard. Move into fresh air and keep at rest.
Skin Contact:	Immediately wipe excess material off skin with a dry cloth; then wash skin with plenty of soap and water. Seek medical attention if irritation develops or persists.
Eye contact:	In case of contact, immediately absorb excess with clean absorbent cloth or cotton. Then, hold eyelids open and flush with a steady, gentle stream of water for at least 15 minutes. Seek medical attention if irritation develops or persists or if visual changes occur.

Most important symptoms/effects, acute and delayed

Symptoms:	None known.
Hazards:	No specific recommendations.

Indication of immediate medical attention and special treatment needed

Treatment:	No specific recommendations.
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5. Fire-fighting measures

General Fire Hazards:	No specific recommendations.
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Suitable (and unsuitable) extinguishing media

Suitable extinguishing media: Dry chemical, alcohol resistant foam or carbon dioxide (CO₂).

Unsuitable extinguishing media: Do not use water jet as an extinguisher, as this will spread the fire. Do not use alkaline powders.

Specific hazards arising from the chemical: Material will burn if water evaporates from emulsion, and it is heated above its flash point. Hazardous Decomposition Products: formaldehyde, oxides of carbon and silica. For further information, refer to Section 10: "Stability and Reactivity".

Special protective equipment and precautions for firefighters

Special fire fighting procedures: Water spray should be used to cool containers.

Special protective equipment for fire-fighters: Firefighters should wear NIOSH/MSHA approved self-contained breathing apparatus and full protective clothing.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures: Wear appropriate personal protective equipment. See Section 8 of the SDS for Personal Protective Equipment. Avoid contact with bases. Eliminate all sources of ignition.

Methods and material for containment and cleaning up: Avoid contact with bases. Absorb with inert material. Scrape up and place in appropriate closed container see Section 7 of the SDS.

Notification Procedures: Caution: Contaminated surfaces may be slippery. For waste disposal, see section 13 of the SDS.

Environmental Precautions: Do not allow to enter drains, sewers or water courses. See Sect 13.

7. Handling and storage

Precautions for safe handling: Provide adequate ventilation if fumes or vapors are generated. Do not mix with incompatible materials. For further information, refer to Section 10: "Stability and Reactivity". Read and follow manufacturer's recommendations.

Conditions for safe storage, including any incompatibilities: Store in original tightly-closed container. Store in a cool, dry place with adequate ventilation. Keep away from incompatible materials, open flames, and high temperatures.

8. Exposure controls/personal protection

Control Parameters



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Occupational Exposure Limits

Chemical Identity	Type	Exposure Limit Values	Source
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Appropriate Engineering Controls No specific recommendations.

Individual protection measures, such as personal protective equipment

- General information:** Provide sufficient ventilation during operations which cause vapor formation.
- Eye/face protection:** Wear approved safety glasses.
- Skin Protection**
 - Hand Protection:** Use protective gloves made of Polyvinyl Chloride (PVC)
 - Other:** Wear suitable protective clothing. Avoid skin contact with good hygiene.
- Respiratory Protection:** No protection is required under normal conditions of use and with adequate ventilation. Use suitable respiratory equipment with insufficient ventilation.
- Hygiene measures:** 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

9.1 Information on basic physical and chemical properties:

Appearance

- Physical state:** Liquid
- Form:** Emulsion
- Color:** Whitish.
- Odor:** Slight amine.
- Odor threshold:** No data available.
- pH:** 10
- Melting point/freezing point:** ≥ 32 °F (0 °C) Water.
- International Inventories:** ≥ 212 °F (100 °C)
- Flash Point:** > 212 °F (100 °C) Aqueous liquid for which the organic components have flash point > 100 °C.
- Evaporation rate:** No data available.
- Flammability (solid, gas):** No data available.
- Flammability limit - upper (%):** No data available.
- Flammability limit - lower (%):** No data available.
- Vapor pressure:** No data available.
- Vapor density:** No data available.
- Relative density:** 1 (68 °F (20 °C)) Approximate
- Solubility(ies)**
 - Solubility in water:** Dispersible
 - Solubility (other):** Ketones: Soluble
Ethanol.: Soluble



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	Diethylether.: Insoluble
	Trichloroethylene.: Insoluble
	White-spirit.: Insoluble
Partition coefficient (n-octanol/water):	No data available.
Auto-ignition temperature:	No data available.
Decomposition temperature:	No data available.
Viscosity:	24 mm ² /s (77 °F (25 °C))
Other information	
Oxidizing properties:	According to the data on the components Not considered as oxidizing. (evaluation by structure-activity relationship)

10. Stability and reactivity

Reactivity:	No data available.
Chemical Stability:	Material is stable under normal conditions.
Possibility of Hazardous Reactions:	This product may generate hydrogen gas.
Conditions to Avoid:	Avoid heat, sparks, open flames and other ignition sources.
Incompatible Materials:	A fire or explosion hazard arises because highly flammable gas (hydrogen) is released when it is in contact with: Strong oxidizers, alkalis, caustics and chemical compounds with mobile hydrogen, in the presence of metal salts and complexes.
Hazardous Decomposition Products:	Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapors. Amorphous silica. Quantity of hydrogen potentially released (l/kg of product): 0.1

11. Toxicological information

Information on likely routes of exposure

Ingestion:	No data available.
Inhalation:	No data available.
Skin Contact:	Mildly irritating to skin with prolonged exposure.
Eye contact:	May cause minor irritation on eye contact.

Symptoms related to the physical, chemical and toxicological characteristics

Ingestion:	No data available.
Inhalation:	No data available.
Skin Contact:	No data available.
Eye contact:	No data available.



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Information on toxicological effects:

Acute Toxicity

Oral

Product: No data available.
Specified substance:
Poly(oxy-1,2-ethanediyl),
 α -tridecyl- ω -hydroxy-

Dermal

Product: No data available.
Specified substance:
Poly(oxy-1,2-ethanediyl),
 α -tridecyl- ω -hydroxy-

Inhalation

Product: No data available.
Specified substance:
Poly(oxy-1,2-ethanediyl),
 α -tridecyl- ω -hydroxy-

Repeated Dose Toxicity

Product: No data available.
Specified substance:
Poly(oxy-1,2-ethanediyl),
 α -tridecyl- ω -hydroxy-

Skin Corrosion/Irritation

Product: No data available.
Specified substance:
Poly(oxy-1,2-ethanediyl),
 α -tridecyl- ω -hydroxy-

Serious Eye Damage/Eye Irritation

Product: No data available.
Specified substance:
Poly(oxy-1,2-ethanediyl),
 α -tridecyl- ω -hydroxy-

Respiratory or Skin Sensitization

Product: Not a skin sensitizer.

Germ Cell Mutagenicity

In vitro

Product: No data available.
Specified substance:
Poly(oxy-1,2-ethanediyl),
 α -tridecyl- ω -hydroxy-

In vivo

Product: No data available.
Specified substance:
Poly(oxy-1,2-ethanediyl),
 α -tridecyl- ω -hydroxy-

Carcinogenicity:

Product: No data available.
Specified substance:
Poly(oxy-1,2-ethanediyl),
 α -tridecyl- ω -hydroxy-



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Reproductive Toxicity & Fertility & Developmental

Product: No data available.

Specified substance:
Poly(oxy-1,2-ethanediyl), No data available.
 α -tridecyl- ω -hydroxy-

Specific Target Organ Toxicity - Single Exposure

Product: No data available.

Specified substance:
Poly(oxy-1,2-ethanediyl), No data available.
 α -tridecyl- ω -hydroxy-

Specific Target Organ Toxicity - Repeated Exposure

Product: No data available.

Specified substance:
Poly(oxy-1,2-ethanediyl), No data available.
 α -tridecyl- ω -hydroxy-

Aspiration Hazard

Product: No data available.

Specified substance:
Poly(oxy-1,2-ethanediyl), No data available.
 α -tridecyl- ω -hydroxy-

Other Adverse Effects: No data available.

12. Ecological information

Ecotoxicity:

Acute Toxicity:

Fish

Product: No effects expected (assessment based on ingredients).

Aquatic Invertebrates

Product: No data available.

Specified substance:
Poly(oxy-1,2-ethanediyl), No data available.
 α -tridecyl- ω -hydroxy-

Chronic Toxicity:

Fish

Product: No data available.

Specified substance:
Poly(oxy-1,2-ethanediyl), No data available.
 α -tridecyl- ω -hydroxy-

Aquatic Invertebrates

Product: No data available.

Specified substance:
Poly(oxy-1,2-ethanediyl), No data available.
 α -tridecyl- ω -hydroxy-



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Toxicity to Aquatic Plants

Product: No data available.

Specified substance:
Poly(oxy-1,2-ethanediyl),
α-tridecyl-ω-hydroxy- No data available.

Persistence and Degradability

Biodegradation

Product: The product contains inorganic compounds which are not biodegradable.
The other components of the product are slowly biodegradable.

BOD/COD Ratio

Product: No data available.

Specified substance:
Poly(oxy-1,2-ethanediyl),
α-tridecyl-ω-hydroxy- No data available.

Bioaccumulative Potential

Product: Will not bio-accumulate.

Partition Coefficient n-octanol / water (log Kow)

Product: No data available.

Mobility in Soil: No data available.

Known or predicted distribution to environmental compartments

Poly(oxy-1,2-ethanediyl),
α-tridecyl-ω-hydroxy- No data available.

Other Adverse Effects: No data available.

13. Disposal considerations

General information: Follow local, state and federal regulations regarding disposal

Disposal methods: Dispose of waste at an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal. Waste of this material should not be mixed with other waste. Provide measures such as vented bungs to ensure pressure relief in the waste container.

14. Transport information

This material is not subject to transport regulations.

Environmental hazards: Not regulated.

Special precautions for user: Packaging with a breathing/venting bung are FORBIDDEN for transport by air.

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: Not applicable.



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15. Regulatory information

US Federal Regulations

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)
None present or none present in regulated quantities.

CERCLA Hazardous Substance List (40 CFR 302.4):
None present or none present in regulated quantities.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories

Acute (Immediate) Chronic (Delayed) Fire Reactive Pressure Generating

SARA 302 Extremely Hazardous Substance
None present or none present in regulated quantities.

SARA 304 Emergency Release Notification
None present or none present in regulated quantities.

SARA 313 (TRI Reporting)
None present or none present in regulated quantities.

Clean Water Act Section 311 Hazardous Substances (40 CFR 117.3)
None present or none present in regulated quantities.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130):
None present or none present in regulated quantities.

16. Other information, including date of preparation or last revision

HMIS Hazard ID

Health		1
Flammability		1
Physical Hazards		1
PERSONAL PROTECTION		B

B - Safety Glasses & Gloves

Hazard rating: 0 - Minimal; 1 - Slight; 2 - Moderate; 3 - Serious; 4 - Severe; *Chronic health effect



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SDS Version 2.1 Prepared by:

Wall Firma Inc.

SDS Prepared on: 2020 January 10

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