

Duro-Shield® Silicone Skylight Coating

SECTION 1 PRODUCT AND COMPANY IDENTIFICATION

Product Name: Duro-Shield® Silicone Skylight Coating
Version: 1
Identifier 1: 100% Silicone Based Sealer
Identifier 2: N/A
Product Type: Mixture
Product Use: Reflective Roof Coating

Company Information: Duro-Last®, Inc.
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 Saginaw, MI 48601
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24 Hour Emergency Contact: INFOTRAC
 1-800-535-5053 (US & Canada)
 1-352-323-3500 (International)

SECTION 2 HAZARD(S) IDENTIFICATION

Emergency Overview: This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard, 29 CFR 1910.1200.

Precautionary Statements: **Disposal**
 P501 - Dispose of contents/container in accordance with federal, state and local regulations.

Other Hazards: 100% of the mixture consists of ingredient(s) of unknown toxicity.

SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients

Chemical Name	CAS Number	Concentration (%)
Dimethyl Siloxane, Hydroxy-Terminated	70131-67-8	90.00 – 100.00%
Vinyltrimethoxysilane	2769-02-7	0.00 – 10.00%
Methyl Tris (MEKO) Silane	22984-54-9	0.00 – 10.00%

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

SECTION 4 FIRST-AID MEASURES

Eye Contact: Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. If eye irritation persists, get medical advice/attention.

Inhalation: Move exposed individual(s) to fresh air for 20 minutes. Consult a physician/poison center if individual's condition declines or if symptoms persist.

Skin Contact: Wash off immediately with plenty of water for at least 15 minutes. If symptoms persist, call a physician.

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Ingestion:	Rinse mouth. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Drink 1 or 2 glasses of water. Call a poison center or doctor/physician if you feel unwell.
Most Important Symptoms and Effects, Both Acute and Delayed:	Not determined.
Protection of First-Aiders:	No action shall be taken involving any personal risk or without suitable training. Use personal protective equipment as required (see Section 8). Show this Safety Data Sheet to the doctor in attendance.
Notes to Physician:	Treat symptomatically.

SECTION 5

FIRE-FIGHTING MEASURES

Suitable Extinguishing Media:	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Unsuitable Extinguishing Media:	Water
Special Protective Equipment for Firefighters:	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

SECTION 6

ACCIDENTAL RELEASE MEASURES

Handling Precautions:	Use personal protection recommended in Section 8. Ensure adequate ventilation, especially in confined areas.
Environmental Precautions:	See Section 12 for additional Ecological Information.
Methods for Containment:	Prevent further leakage or spillage if safe to do so.
Methods for Clean-Up:	Collect the absorbed material and transfer to properly labeled containers for disposal according to federal, state, and local regulations (see Section 13).

SECTION 7

HANDLING AND STORAGE

Handling Precautions:	Handle in accordance with good industrial hygiene and safety practice. Do not handle until all safety precautions have been read and understood. Wash face, hands and any exposed skin thoroughly after handling. Do not eat, drink or smoke when using this product. Avoid contact with skin and eyes.
Storage Conditions:	Store in properly labeled containers in a cool, ventilated area.
Incompatible Materials:	None known based on information supplied.

SECTION 8

EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Measures:	Showers, eyewash stations, and ventilation systems should be available for use.
Hygiene Measures:	Handle in accordance with good industrial hygiene and safety practice.
Personal Protective Equipment:	Respiratory Protection Refer to 29 CFR 1910.134 for respiratory protection requirements. Eye/Face Protection and Skin/Body Protection None under normal use conditions.

SECTION 9

PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid	Molecular Weight:	< 25
Color:	N/A	pH:	N/A
Odor:	Peppermint	Flammability:	Non-Flammable
Appearance:	N/A	Vapor Pressure:	N/A
Flash Point:	>212°F (>100°C)	Volatile:	N/A
Melting Point:	N/A	Relative Density:	N/A
Freezing Point:	N/A	Density:	11.5
Boiling Point:	>212°F (>100°C)	Solubility:	N/A

SECTION 10

STABILITY AND REACTIVITY

Reactivity:	No information available.
Chemical Stability:	Stable under recommended storage conditions.
Possibility of Hazardous Reactions:	None under normal processing.
Conditions to Avoid:	Extremes of temperature and direct sunlight.
Incompatible Materials:	None known based on information supplied.
Hazardous Decomposition Products:	None known based on information supplied.

SECTION 11

TOXICOLOGICAL INFORMATION

Likely Routes of Exposure: No information available.

Toxicity

Chemical Name	Oral LD ₅₀	Dermal LD ₅₀	Inhalation LC ₅₀
Dimethyl Siloxane, Hydroxy-Terminated	> 15400 mg/kg (Rat)	> 16 mL/kg (Rabbit)	> 8750 mg/m ³ (Rat) 7 h
Vinyltrimethoxysilane	= 7340 µl/kg (Rat)	= 3360 µl/kg (Rabbit)	-

Delayed and Immediate Effects as well as Chronic Effects from Short and Long-Term Exposure:

No information available.

Numerical Measures of Toxicity: The following values are calculated based on chapter 3.1 of the GHS document:
ATEmix (oral) 16,736.50
ATEmix (dermal) 16,846.76

SECTION 12

ECOLOGICAL INFORMATION

Ecotoxicity:	8% of the mixture consists of components of unknown hazards to the aquatic environment.
Persistence/Degradability:	No information available.
Bioaccumulation:	No information available.
Other Adverse Effects:	No information available.

SECTION 13	DISPOSAL CONSIDERATIONS
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Disposal Methods: Disposal of this product, solutions, and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any federal, state, and local requirements.

Contaminated Packaging: Do not reuse container.

SECTION 14	TRANSPORT INFORMATION
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Other Information: Non-regulated, not classified as dangerous.

SECTION 15	REGULATORY INFORMATION
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TSCA Inventory: This product does not contain any chemicals that are listed as active in the United States Toxic Substances Control Act Section 8(b) Inventory.

CERCLA RQ: 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).

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.

Clean Water Act: This product does not contain any substance which is regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

U.S. State Right-to-Know Regulations: This product does not contain any substance which is listed on the U.S. State Right-to-Know Regulations list.

California Prop 65: This product does not contain a chemical known to the State of California to cause cancer or reproductive harm. For more information go to www.P65Warnings.ca.gov.

SECTION 16	OTHER INFORMATION
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NFPA:	Health Hazards	Flammability	Instability	Special Hazards
	1	1	Not determined	Not determined

HMIS:	Health Hazards	Flammability	Physical Hazards	Personal Protection
	1	1	Not determined	Not determined

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Disclaimer: To the best of our knowledge, the information contained herein is accurate. However Duro-Last®, Inc. does not assume any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be handled with care. Although Duro-Last®, Inc. has described herein all of the hazards to which we are currently aware; we cannot guarantee that these are the only hazards which exist.