SAFETY DATA SHEET

Date issued : 12/15/2014
SDS number : 11720048_N79005
Date revised : 04/10/2023
Revision number : 6

1. Identification

Product code: 11720048_N79005
Product description: Z3 PROSEAL GRAY RTV SILICONE 1OZ 12PK

Manufacturer / Supplier

Pacer Technology
3281 E. Guasti Road, Suite 260
Ontario, CA 91761
Emergency contact: Chemtrec
Emergency Phone: (800) 424-9300
Customer Service: (909) 987-0550

2. Hazard identification

Label elements

Note: If this product is a consumer product it is labeled in accordance with the Consumer Product Safety Commission regulations and not OSHA regulations. The requirements for the labeling of consumer products take precedence over OSHA labeling so the actual product label will not contain the OSHA label elements shown below on this SDS.

Not a hazardous substance or mixture per vendor information.

Precautionary statement(s)

Prevention:

P271: Use only outdoors or in a well-ventilated area.

3. Composition/information on ingredients

Chemical name	% w/w	CAS No.
Dimethyl siloxane, hydroxy-terminated	70 - 90	70131-67-8
Silica, amorphous	5 - 10	7631-86-9
Hydrotreated middle petroleum distillates	5 - 10	64742-46-7
Iron oxide	1 - 5	1332-37-2
Titanium dioxide	1 - 5	13463-67-7
Aluminum	1 - 5	7429-90-5
Carbon black	0.1 - 1	1333-86-4
Acetic Acid	0 - 0.1	64-19-7
Acetic anhydride	0 - 0.1	108-24-7

4. First-aid measures

Eye: Flush eyes with water as a precaution. Get medical attention if irritation develops and persists.

Skin: In case of contact, immediatly flush skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention. Wash clothing before reuse. Thoroughly clean shoes before reuse.

Ingestion: If swallowed, DO NOT induce vomiting. Get medical attention if symptoms occur. Rinse mouth thoroughly wth water.

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Inhalation: If inhaled, remove to fresh air. Get medical attention if symptoms occur.

Indication of immediate medical attention and special treatment needed, if necessary: Treat symptomatically and supportively.

Additional information: First Aid responder should pay attention to self-protection and use the recommended personal protective equipment when the potential for exposure exists.

5. Fire-fighting measures

Suitable extinguishing media: Water spray, alcohol-resistant foam, carbon dioxide (CO2), dry chemical.

Hazardous combustion products: Exposure to combustion products may be a hazard to health: carbon oxides, silicon oxides, formaldehyde, metal oxides.

Fire fighting procedures: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Use water spray to cool unopened containers. Remove undamaged containers from fire area if it is safe to do so. Evacuate area.

Fire fighting equipment: In the event of fire, wear self-contained breathing apparatus. Use personal protective equipment.

6. Accidental release measures

Small spill: Soak up with inert absorbent material.

Large spill: For large spills, provide diking or other appropriate containment to keep material from spreading. If diked material can be pumped, store recovered material in appropriate container. Clean up remaining materials from spill with suitable absorbent. Local or national regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. You will need to determine which regulations are applicable.

Environmental precautions

Water spill: Discharge into the environment must be avoided. Prevent further leakage or spillage if safe to do so. Retain and dispose of contaminated wash water. Local authorities should be advised if significant spillage cannot be contained.

Land spill: Discharge into the environment must be avoided. Prevent further leakage or spillage if safe to do so. Retain and dispose of contaminated wash water. Local authorities should be advised if significant spillage cannot be contained.

Air spill: Discharge into the environment must be avoided. Prevent further leakage or spillage if safe to do so. Retain and dispose of contaminated wash water. Local authorities should be advised if significant spillage cannot be contained.

General procedures: Follow safe handling advise and personal protective equipment recommendations.

Special protective equipment: Use personal protective equipment.

7. Handling and storage

General procedures: Use only with adequate ventilation.

Precautions for safe handling: Do not get on skin or clothing. Do not swallow. Avoid contact with the eyes. Handle in accordance with good industrial hygiene and safety practice. Take care to prevent spills, waste and minimize releases to the environment.

Conditions for safe storage: Keep in properly labeled containers. Store in accordance with particular national regulations.

8. Exposure controls/personal protection

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Exposure controls

Control parameters				
	Occupational exposure limit values			
Chemical name	**Type**		**ppm**	**mg/m³**
Titanium dioxide	**ACGIH**	**TWA**		10
	OSHA	**PEL**		15
Aluminum	**ACGIH TLV**	**TWA**		1
Carbon black	**OSHA PEL**	**TWA**		3.5
	ACGIH TLV	**TWA**		3.5
Acetic Acid	**OSHA PEL**	**TWA**	10	25
	ACGIH TLV	**TWA**	10	25
		STEL	15	37

Appropriate engineering controls: Processing may form hazardous compounds. Ensure adequate ventilation, especially in confined areas. Minimize workplace exposure concentrations. Dust formation may be relevant in the processing of this product.

Individual protection measures, such as personal protective equipment

Eye / face protection: Wear the following personal protective equipment: Safety glasses.

Skin protection - hand protection: Impervious gloves. Choose gloves to protect hands against chemicals depending on the concentration specific to place of work. Breakthrough time is not determined for the product. Change gloves often! For special applications, we recommend clarifying the resistance to chemicals of the aforementioned protective gloves with the glove manufacturer. Wash hands before breaks and at the end of workday.

Respiratory protection: General and local exhaust ventilation is recommended to maintain vapor exposures below recommended limits. Where concentrations are above recommended limits or are unknown, appropriate respiratory protection should be worn. Follow OSHA respirator regulations (29 CFR 1910.134) and use NIOSH/MSHA approved respirators. Protection provided by air purifying respirators against exposure to any hazardous chemical is limited. Use a positive pressure air supplied respirator if there is any potential for uncontrolled release, exposure levels are unknown, or any other circumstance where air purifying respirators may not provide adequate protection.

Occupational hygiene practices: Skin should be washed after contact. Ensure that eye flushing systems and safety showers are located close to the working place. When using do not eat, drink, or smoke. Wash contaminated clothing before re-use. The precautions are for room temperature handling. Use at elevated temperature or aerosol/spray applications might require added precautions.

9. Physical and chemical properties

Appearance: Gray paste

Color: Gray

Odor: Acetic acid

Odor threshold: No data available

pH: No data available

Melting point: No data available

Freezing point: No data available

Initial boiling point and boiling range: No data available

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Flash point: > 100°C CC - Closed Cup

Lower explosion limit / flammability limit: No data available

Vapor pressure: No data available

Relative vapor density: No data available

Relative density: 1.007

Solubility: No data available

Auto-ignition temperature: No data available

Decomposition temperature: No data available

Viscosity: No data available

10. Stability and reactivity

Chemical stability: Stable under normal conditions.

Possibility of hazardous reactions: Use at elevated temperatures may form highly hazardous compounds. Can react with strong oxidizing agents. Acetic acid is formed upon contact with water or humid air. When heated to temperatures above 150C (300F) in the presence of air, trace quantities of formaldehyde may be released. Adequate ventilation is required. See OSHA formaldehyde standard 29 CFR 1910.1048. Hazardous decomposition products will be formed at elevated temperatures.

Hazardous decomposition products: Formaldehyde

Incompatible materials: Oxidizing agents.

11. Toxicological information

Acute toxicity

Chemical name	LD_{50} (oral) mg/kg(rat)
Acetic Acid	6190 mg/kg

Skin corrosion / irritation: No data available

Serious eye damage / irritation: No data available

Respiratory or skin sensitization: No data available

Germ cell mutagenicity: No data available

Carcinogenicity

IARC: Group 2B: Possibly carcinogenic to humans - Titanium dioxide (CAS 13463-67-7), Carbon black (CAS 1333-86-4)

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Notes: No data available

Reproductive toxicity: No data available

Specific Target Organ Toxicity - single exposure: No data available

Specific Target Organ Toxicity - repeated exposure: No data available

Aspiration hazard: No data available

12. Ecological information

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Bioaccumulative potential: No data available

13. Disposal considerations

Disposal methods: Dispose of in a manner consistent with federal, state, and local regulations.

14. Transport information

USA Department of Transport Regulations (DOT)

UN proper shipping name: NOT REGULATED

ICAO / IATA - air

UN proper shipping name: NOT REGULATED

IMO / IMDG - International

UN proper shipping name: NOT REGULATED

Comments: The transport information provided in this section only applies to the material formulation/itself, and is not specific to any package/configuration. This information is not intended to convey all specific regulatory or operational requirements/information relating to this product. Transportation classifications may vary by container volume and may be influenced by regional or country variations in regulations. It is the responsibility of the transporting organizations to follow all applicable laws, regulations, and rules relating to the transportation of the material.

15. Regulatory information

UNITED STATES

SARA Section 311/312 Hazard Categories

311/312 Health hazards: No SARA hazards.

313 reportable ingredients: The following components are subject to reporting levels established by SARA Title III, Section 313: Aluminum (CAS 7429-90-5) <=1.575%

EPCRA Section 313 Toxic Chemicals

Chemical name	% w/w	CAS No.
Aluminum	1 - 5	7429-90-5

EPCRA Section 302 Extremely Hazardous Substances

EPCRA Status: This material does not contain any components with a section 302/304 EHS TPQ/RQ.

CERCLA Hazardous Substances and Reportable Quantities (RQ)

Chemical name	% w/w	CERCLA rq
Acetic Acid	0 - 0.1	5,000
Acetic anhydride	0 - 0.1	5,000

CERCLA rq: Acetic acid (CAS 64-19-7), Acetic anhydride (CAS 108-24-7).

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TSCA (The Toxic Substances Control Act)

Chemical name	CAS No.
Dimethyl siloxane, hydroxy-terminated	70131-67-8
Silica, amorphous	7631-86-9
Hydrotreated middle petroleum distillates	64742-46-7
Iron oxide	1332-37-2
Aluminum	7429-90-5
Carbon black	1333-86-4
Acetic Acid	64-19-7
Acetic anhydride	108-24-7

TSCA Status: All chemical substances in this product are either listed on the TSCA Inventory or are in compliance with a TSCA Inventory exemption.

Regulations

State regulations: Pennsylvania Right To Know: Dimethyl siloxane, hydro-terminated (CAS 70131-67-8), Silicon dioxide (CAS 7631-86-9), Dimethyl siloxane, trimethylsiloxy-terminated (CAS 63148-62-9), Iron oxide (CAS 1332-37-2), Titanium dioxide (CAS 13463-67-7), Aluminum (CAS 7429-90-5), Acetic acid (CAS 64-19-7), Acetic anhydride (108-24-7)

California List of Hazardous Substances:
Silicon dioxide (CAS 7631-86-9), Aluminum (CAS 7429-90-5)

California Permissible Exposure Limits for Chemical Contaminants:
Silicon dioxide (CAS 7631-86-9), Aluminum (CAS 7429-90-5), Titanium dioxide (CAS 13463-67-7)

16. Other information

Approved by: Pacer Technology Regulatory Department

Prepared by: Pacer Technology Regulatory Department **Date revised:** 04/10/2023

Revision summary: This SDS replaces the 07/05/2018 SDS. Revised: **Section 1:** Product code. **Section 2:** Precautionary statement(s).

HMIS rating

Health	0
Flammability	1
Physical hazard	0
Personal protection	

NFPA codes

