



HEALTH	2
FLAMMABILITY	1
REACTIVITY	0

SAFETY DATA SHEET
Prepared by Duro Dyne March 10, 2014

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Trade name: SSR-C
Product Identifier: Red Heat Resistant Silicone
Item #: 5113
Supplier Details: DURO DYNE CORPORATION
81 Spence Street
Bay Shore, NY 11706

Information

Phone No: 800-899-3876
Emergency Phone No: 800-424-9300 (CHEMTREC)

2. HAZARDS IDENTIFICATIONS

Primary Routes of Entry: Skin contact, Skin absorption, Eye contact, Inhalation and Ingestion.
Emergency Overview: Red paste. Harmful if swallowed or absorbed through skin. May cause eye & skin irritation. May cause nose, throat & respiratory tract irritation.

Effects of Overexposure: Acute: (Eye)-Direct contact may cause moderate irritation. (Skin)-May cause moderate irritation. (Inhalation)-Slight irritation to respiratory passages. (Ingestion)-No significant effects expected from a single short-term exposure. Prolonged/Repeated Exposure: No known applicable information.

Medical Conditions

Aggravated by Exposure: None known.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Product Consists Of	Cas No.	%	TLV	PEL	Units
Ethyltriacetoxysilane**	1768-77-9	<6%	10****	10****	ppm
Methyltriacetoxysilane**	4253-34-3	<6%	10****	10****	ppm
Titanium Dioxide*** (In white & colors only)	13463-67-7	<5%	10	15	mg/m3
Silica, amorphous***	7631-86-9	<13	20	20	mg/m3
Iron (III) Oxide***	1309-37-1	<10	5	10	mg/m3
Hydroxy-terminated Dimethyl Siloxane	70131-67-8	>50	10	10	ppm
Polydimethylsiloxane	63148-62-9	<10	10	10	ppm
Non-hazardous Ingredients*		>10	NA	NA	

*Unlisted ingredients are not considered hazardous under the OSHA Hazard Communication Standard (29 CFR 1910.1200). **Observe limits for acetic acid formed during curing on exposure to water or humid air. ***Inhalation of particulates unlikely due to product's physical state. ****TWA. Calculated VOC: <3% (<40g/L). CARB Compliance: Yes. Prop 65 Ingredients: None.

4. FIRST-AID MEASURES

Skin Contact: Wash with soap and water for at least 15 minutes. Get medical attention if symptoms persist. Remove and wash contaminated clothing.

Eye Contact: Immediately flush with large quantities of water for at least 15 minutes until irritation subsides. Get medical attention.

Inhalation: No first aid should be needed under normal use. Remove to fresh air if needed.

Ingestion: Not intended for ingestion. No first aid should be needed. Get medical attention if irritation persists. Treat accordingly to person's condition and specifics of exposure.

5. FIRE-FIGHTING MEASURES

Flammable: No

Extinguishing Media: Carbon Dioxide, Dry Chemical, Foam, Water Spray

Flashpoint (°F) & Method: NA

Upper Explosive Limit (% By Volume): NE

Lower Explosive Limit (% By Volume): NE

Autoignition Temperature (°F): NE

Unusual Fire & Explosion Hazards: None

Special Fire Fighting Procedures: Wear self-contained breathing apparatus pressure demand (NIOSH approved or equivalent) and full protective gear. Use water spray to cool exposed surfaces. Thermal breakdown of this product during fire or high heat conditions may evolve the following hazardous decomposition products: Silicone dioxide. Carbon oxides and traces of incompletely burned carbon compounds. Formaldehyde.

6. ACCIDENTAL RELEASE MEASURE

Procedures: Wear proper protective equipment (Section 8). Use absorbent material or scrape up dried material and place in approved container. For larger spills provide containment (Dike material to avoid spreading). Clean area well as spilled material may result in a slip hazard.

7. HANDLING AND STORAGE

Handling Procedures and Equipment:

Keep out of reach of children and pets. Do not take internally. Do not breathe vapors. Use with adequate ventilation. Product evolves acetic acid when exposed to water or humid air. Provide ventilation during use to control acetic acid within exposure guidelines or use appropriate respirator. Avoid eye contact. Avoid skin contact.

Storage Requirements:

Keep container closed and store away from water or moisture. Avoid extreme heat or cold. Store away from oxidizing materials.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory:

No respiratory protection should be needed. As Engineering Controls, Local and General Ventilation is recommended. Provide adequate ventilation to control exposures within guidelines of OSHA PEL: TWA 10ppm and ACGIG TLV: TWA 10ppm, STEL 15 ppm. Use respiratory protection if adequate local exhaust ventilation unavailable. OSHA respirator regulations 29 CFR 1910.134 should be followed, using NIOSH/MSHA approved respirators. Spills: Full face respirator.

Eyewear:

Goggles or safety glasses with side shields. Avoid eye contact.

Clothing/Gloves:

Nitrile rubber or butyl rubber gloves. Avoid skin contact. Contaminated clothing and shoes should be removed and washed prior to reuse.

Hygienic Practices:

Remove and wash contaminated clothing before re-use. Wash hands before breaks and at the end of the workday.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:

Viscous paste.

Odor and Appearance:

Red paste with acetic acid odor.

Specific Gravity:

Approximately 1.0 to 1.1

Vapor Density (Air = 1):

NE

Evaporation Rate:

NE

Boiling Range (°F):

NE

pH:

NE

Solubility in Water:

NE

Vapor Pressure (MM Hg):

NE

% / WT Volatile (TNV):

NE

10. STABILITY AND REACTIVITY

Stability:	Yes
Incompatibility:	Yes. <u>Material to Avoid</u> : Water, moisture or humid air can cause hazardous vapors to form (Sec. 8). Oxidizing material can cause a reaction.
Conditions to Avoid:	None
Hazardous Polymerization/Hazardous Decomposition Products:	Hazardous polymerization will not occur under normal conditions. Normal decomposition products, i.e.: Cox, NO _x .

11. TOXICOLOGICAL INFORMATION

ACGIH:	No known applicable information. This product does not contain carcinogens (at 0.1% or greater) as defined by IARC, NTP or OSHA.
OSHA:	No known applicable information. See above.
IARC:	No known applicable information. See above.
NTP:	No known applicable information. See above.
Data with Possible Relevance to Humans:	No known applicable information. See above.

12. ECOLOGICAL INFORMATION

Aquatic Toxicity:	Complete information is not yet available.
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13. DISPOSAL CONSIDERATIONS

Waste Disposal:	Dispose of material in accordance with Federal, State and Local regulations.
EPA Waste Code if Discarded (40CFR Sec.261):	None. <u>RCRA Hazard Class (40 CFR 261)</u> : Not classified as a hazardous waste. State or local laws may impose additional regulatory requirements regarding disposal.

14. TRANSPORT INFORMATION

Special Shipping Information:	<u>DOT Road Shipment Information (49 CFR 172.101)</u> . Not subject to DOT. <u>Ocean Shipment (IMDG)</u> : Not subject to IMDG code. <u>Air Shipment (IATA)</u> : Not subject to IATA regulations.
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15. REGULATORY INFORMATION

CERCLA_SARA Hazard Category: Section 304 CERCLA: None.
Section 302 (Extremely Hazardous Substances): None.
Section 312 (Hazard Class): Acute: Yes. Chronic: No.
Fire: No.
Pressure: No.
Reactive: No.
U.S. State Regs: See Section 16
TSCA: All ingredients either on TSCA Inventory or exempt.

16. OTHER INFORMATION

Prop 65 Ingredients: (Known to State of California to cause cancer) None.
NJ Right to Know: (Top 5 Ingredients): Hydroxy-terminated Dimethylsiloxane (70131-67-8), Silica, amorphous (7631-86-9), Methyltriacetoxysilane (4253-34-3), Ethyltriacetoxysilane (17689-77-9), Polydimethylsiloxane (63148-62-9)
Pennsylvania Right-to-Know: (Non-Haz at >3%): Dimethyl siloxane, hydroxyl-terminated (70131-67-8)
Ingredients Known to State of California to Cause Birth Defects or Reproductive Harm: None
NFPA Profile: Health: 2
Flammability: 1
Reactivity: 0
Note: Product colors may contain a small amount of Carbon Black (1333-86-4).
International Emergency Number: 352-323-3500-INFOTRAC

LEGEND: NA: Not Applicable
NE: Not Established
UN: Unavailable
VOC: Volatile Organic Compound
PEL: Permissible Exposure Limit
TLV: Threshold Limit Value
STEL: Short Term Exposure Limits
ACGIH: American Conference of Governmental Industrial Hygienist
SARA: Superfund Amendments and Reauthorization Act of 1986
OSHA: Occupational Safety and Health Administration
HMIS: Hazardous Materials Identification System
NTP: National Toxicology Program
CEIL: Ceiling Exposure Limit

CASRN (CAS Number: Chemical Abstracts Service
Registry Number
TSCA: Toxic Substances Control Act
NFPA: National Fire Protection Association

Date SDS Prepared:

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