



24 Madison Road, Fairfield, New Jersey 07004, USA
Tel: 800-771-JEEN (5336), Tel: 973-439-1401, Fax: 973-439-1402,
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Section 1 – Company and Product Identification

Issued by: JEEN International Corporation
24 Madison Road
Fairfield, New Jersey 07004
Tel#: 973-439-1401

Chemtrec Emergency Telephone # 800-424-9300
Chemtrec Int'l Tel.# 703-527-3887(Collect Calls Accepted)

Revision Date: December 6, 2013

Product Trade Name: **JEESILC EM 520**
Chemical Family: Silicone
Physical Form: Liquid
Color: Amber
Odor: Characteristic odor
NFPA* Profile: Health: 1 Flammability: 2 Instability/Reactivity: 1
*Note: NFPA=National Fire Protection Association

Section 2 – OSHA Hazardous Components/Composition/Information on Ingredients

CAS Number	Wt%	Ingredients
212335-52-9	> 60.0	Silicone alkylmethyl glycol
27458-93-1	7.0 – 13.0	Isostearyl alcohol
112-41-4	5.0 – 10.0	Dodecene
112-40-3	< 1.0	Dodecene
2627-95-4	< 1.0	Tetramethyldivinylidisiloxane

The above components are hazardous as defined in 29 CFR 1910.1200

Section 3 – Hazards Identification

Acute Effects

Eyes: Direct contact may cause mild irritation.
Skin: No significant irritation expected from a single short-term exposure.
Inhalation: Irritates respiratory passages very slightly.
Oral: Low ingestion hazard in normal use.

Prolonged/Repeated Exposure Effects

No known applicable information.

Medical Conditions Aggravated by Exposure

No known applicable information

The above listed potential effects of overexposure are based on actual data, results of studies performed upon similar compositions, component data and/or expert review of the product. Please refer to Section 11 detailed toxicology information.

Section 4 – First Aid Measures

Eyes: Immediately flush with water for 15 minutes.
Skin: No first aid should be needed.
Inhalation: No first aid should be needed.
Oral: No first aid should be needed.
Comments: Treat symptomatically.

Section 5 – Fire Fighting Measures

Flash Point: 189.9°F / 87.7 °C (Pensky-Martens Closed Cup).
{Method}: PMCC
Auto Ignition Temperature: Not determined
Flammability Limits in Air: Not determined
Extinguishing Media: On large fires use dry chemical, foam or water spray. On small fires use carbon dioxide (CO₂), dry chemical or water spray. Water can be used to cool fire exposed containers.
Fire Fighting Measures: Self-contained breathing apparatus and protective clothing should be worn in fighting large fires involving chemicals. Determine the need to evacuate or isolate the area according to your local emergency plan. Use water spray to keep fire exposed containers cool.



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Unusual Fire Hazards: None

Section 5 – Fire Fighting Measures Continued

Hazardous Decomposition Products:

Thermal breakdown of this product during fire or very high heat conditions may evolve the following hazardous decomposition products: Carbon oxides and traces of incompletely burned carbon compounds. Silicon dioxide. Metal oxides. Formaldehyde.

Section 6 – Accidental Release Measures

Containment/Clean-Up: Determine whether to evacuate or isolate the area according to your local emergency plan. Observe all personal protection equipment recommendations described in Section 5 and 8. 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. Materials in contact with water, moisture, acids or bases have the potential to generate hydrogen gas. Recovered material should be store in a vented container. Clean up remaining materials from spill with suitable absorbent. Clean are as appropriate since some silicone materials, even in small quantities, may present a slip hazard. Final cleaning may require use of steam, solvents or detergents. Dispose of saturated absorbent or cleaning materials appropriately, since spontaneous heating may occur. Local, state and federal laws and 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 federal, state and local laws and regulations are applicable. Sections 13 and 15 of this MSDS provide information regarding certain federal and statement requirements.

Note: See Section 8 for Personal Protection Equipment for Spills.

Section 7 – Handling and Storage

Use with adequate ventilation. Avoid eye contact. Static electricity will accumulate and may ignite vapors. Prevent a possible fire hazard by bonding and grounding or inert gas purge. Keep container closed and away from heat, sparks, and flame. Product may evolve minute quantities of flammable hydrogen gas which can accumulate. Adequately ventilate to maintain vapors well below flammability limits and exposure guidelines. Do not repackage. Do not store in glass containers, which may shatter due to pressure build up. Clogged container vents may increase pressure build up. Keep container closed and store away from water or moisture.

Section 8 – Exposure Controls/Personal Protection

Component Exposure Limits:

Local Ventilation: Recommended.

General Ventilation: Recommended

Personal Protective Equipment for Routine Handling

Eyes:	Use proper protection {safety glasses as a minimum}.
Skin:	Washing a mealtime and end of shift is adequate.
Suitable Gloves:	No special protection needed.
Inhalation:	No respiratory protection should be needed.
Suitable Respirator:	None should be needed.

Personal Protective Equipment for Spills:	Eyes:	Use proper protection {safety glasses as a minimum}.
	Skin:	Washing at mealtime and end of shift is adequate.
	Inhalation/Suitable Respirator:	No respirator protection should be needed.
	Precautionary Measures:	Avoid eye contact. Use reasonable care.
	Comments:	None.

Note: These precautions are for room temperature handling. Use at elevated temperatures, or in aerosol/spray applications, may require added precautions.

Section 9 – Physical and Chemical Properties

Physical Appearance:	Liquid
Color:	Colorless to light straw
Odor:	Characteristic Odor



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Specific Gravity @ 25°C: 0.896
 Viscosity: 2500 cSt
 Freezing/Melting Point: Not determined.

Section 9 – Physical and Chemical Properties Continued

Boiling Point: >35 °C / 95 °F
 Vapor Pressure @ 25°C: Not determined.
 Vapor Density : Not determined.
 Solubility in Water: Not determined.
 pH: Not determined.
 Volatile Content: Not determined

Note: The above information is not intended for use in preparing product specifications. Contact manufacturer before writing specification.

Section 10 – Stability and Reactivity

Chemical Stability: Stable
 Hazardous Polymerization: Hazardous polymerization will not occur.
 Conditions to Avoid: None
 Materials to Avoid: Oxidizing material can cause a reaction. Water, alcohols, acidic or basic materials, and many metals or metallic compounds, when in contact with product, liberate flammable hydrogen gas, which can form explosive mixtures in air.
 Comments: None.

Section 11 – Toxicological Information

Special Hazard Information on Components

No known applicable information.

Section 12 – Ecological Information

Environmental Fate and Distribution

Complete information is not yet available.

Environmental Effects

Complete information is not yet available.

Fate and Effects in Waste Water Treatment Plants

Complete information is not yet available.

Ecotoxicity Classification Criteria

Hazard Parameters (LC50 or EC50)	High	Medium	Low
Acute Aquatic Toxicity (mg/L)	<=1	>1 and <=100	>100
Acute Terrestrial Toxicity	<=100	>100 and <=2000	>2000

This table is adapted from "Environmental Toxicology and Risk Assessment," ASTM STP 1179, p34, 1993.

This table can be used to classify the ecotoxicity of this product when ecotoxicity data is listed above. Please read the other information presented in the section covering the overall ecological safety of this material.

Section 13 – Disposal Considerations

RCRA Hazard Class (40 CFR 261)

When a decision is made to discard this material, as received, is it classified as a hazardous waste? Yes

Characteristic Waste:

Reactive: D003

State or local laws may impose additional regulatory requirements regarding disposal.

Section 14 – Transportation Information

DOT Road Shipment Information (49 CRA 172.101)

Proper Shipping Name: Combustible Liquid
 Hazard Technical Name: Silicone Alkylmethyl Glycol/Dodecene



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Hazard Class: Combustible Liquid
 UN/NA Number: NA 1993
 Packing Group: III
 Remarks: Above applies only to containers over 119 gallons or 450 liters.

Section 14 – Transportation Information Continued

Ocean Shipment (IMDG)

Not subject to IMDG code.

Air Shipment (IATA)

Not IATA Regulated. (Vented Packages Forbidden for Air Transport)

Section 15 – Regulatory Information

O.S.H.A. Status: Contents of the MSDS comply with the O.S.H.A. Hazard Communication Standard 29 CFR 1910.1200.

T.S.C.A. Status: All chemical substances found in this product comply with the Toxic Substances Control Act inventory reporting requirements.

D.S.L. (Canada): All chemical substances found in this product are listed.

E.R.A. SARA Title III

Chemical Listing:	Section 302 Extremely Hazardous Substances:	None
	Section 304 C.E.R.C.L.A. Hazardous Substances:	None
	Section 312 Hazard Class:	Acute: No
		Chronic: No
		Fire: Yes
		Pressure: No
		Reactive: Yes
	Section 313 Toxic Chemicals:	None present or none present in regulated quantities.

California:

Warning: This product contains the following chemical(s) listed by the State of California under the Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65) as being known to cause cancer, birth defects or other reproductive Harm.

None Known.

Massachusetts: No ingredient regulated by MA Right-To-Know Law present.

New Jersey:

CAS Number	Wt%	Component Name
212335-52-9	> 60.0	Silicone alkylmethyl glycol
27458-93-1	7.0 – 13.0	Isostearyl alcohol
112-41-4	5.0 – 10.0	Dodecene
9003-11-6	3.0 – 7.0	Propylene oxide polymer with ethylene oxide

Pennsylvania:

CAS Number	Wt%	Component Name
212335-52-9	> 60.0	Silicone alkylmethyl glycol
27458-93-1	7.0 – 13.0	Isostearyl alcohol
112-41-4	5.0 – 10.0	Dodecene
9003-11-6	3.0 – 7.0	Propylene oxide polymer with ethylene oxide

Section 16 – Other Information

Disclaimer: As the conditions or methods of use are beyond our control, we do not assume any responsibility and expressly di



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