

**SILSOFT E-PEARL PMF/PAIL/33LB-15KG**

# SAFETY DATA SHEET

## 1. Identification

**Product identifier:** SILSOFT E-PEARL PMF/PAIL/33LB-15KG

**Other means of identification**

**Synonyms:** Polydimethylsiloxane emulsion

**Recommended use and restriction on use**

**Recommended use:** Component in personal care products

**Restrictions on use:** Not known.

**Manufacturer/Importer/Distributor Information** : Momentive Performance Materials - (Nantong) Co., Ltd.  
Nantong Economic & Tech. Develop. A  
Nantong 100 226009

**Contact person** : commercial.services@momentive.com

**Telephone** : General information  
+1-800-295-2392

**Emergency telephone number**  
**Supplier** : CHEMTREC  
1-800-424-9300

## 2. Hazard(s) identification

**Hazard Classification**

Not classified

**Label Elements**

**Hazard Symbol:** No symbol

**Signal Word:** No signal word.

**Hazard Statement:** not applicable

**Precautionary Statements** not applicable

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**Other hazards which do not result in GHS classification:** None.

**3. Composition/information on ingredients**

**Mixtures**

Chemical Identity	CAS number	Content in percent (%)*	Notes
Hydrocarbons, C4, 1,3-butadiene-free, polymd., tetraisobutylene fraction, hydrogenated	93685-80-4	10 - <20%	No data available.

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

**4. First-aid measures**

**Ingestion:** Do NOT induce vomiting. If victim is conscious, give 2-4 glasses of water. Do not give victim anything to drink if he is unconscious. Get medical attention.

**Inhalation:** Move to fresh air. Get medical attention if symptoms persist.

**Skin Contact:** Wash area with soap and water. Get medical attention if symptoms occur.

**Eye contact:** Immediately flush with plenty of water or eyewash solution for up to 10 minutes. Get medical attention if symptoms persist.

**Most important symptoms/effects, acute and delayed**

**Symptoms:** None known.

**Hazards:** No data available.

**Indication of immediate medical attention and special treatment needed**

**Treatment:** There is no specific antidote. Treatment is symptomatic and supportive.

**5. Fire-fighting measures**

**General Fire Hazards:** No data available.

**Suitable (and unsuitable) extinguishing media**

**Suitable extinguishing media:** All standard extinguishing agents are suitable.

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**Unsuitable extinguishing media:** Avoid water in straight hose stream; will scatter and spread fire.

**Specific hazards arising from the chemical:** No data available.

**Special protective equipment and precautions for firefighters**

**Special fire fighting procedures:** No data available.

**Special protective equipment for fire-fighters:** Firefighters must wear NIOSH/MSHA approved positive pressure self-contained breathing apparatus with full face mask and full protective clothing.

**6. Accidental release measures**

**Personal precautions, protective equipment and emergency procedures:** Avoid contact with eyes. Keep out of reach of children. Do not freeze. Stir well before using. Attention: Not for injection into humans.

**Methods and material for containment and cleaning up:** Wipe, scrape or soak up in an inert material and put in a container for disposal. Wash walking surfaces with detergent and water to reduce slipping hazard. Wear proper protective equipment as specified in the protective equipment section.

**Environmental Precautions:** Do not allow runoff to sewer, waterway or ground.

**7. Handling and storage**

**Precautions for safe handling:** Sensitivity to static discharge is not expected. NOTICE: STIR WELL BEFORE USING. KEEP FROM FREEZING.

**Conditions for safe storage, including any incompatibilities:** RECOMMENDED STORAGE BETWEEN 35F (2C) AND 80F(26 C). Store in original container. Keep container closed.

**8. Exposure controls/personal protection**

**Control Parameters**

**Occupational Exposure Limits**

None of the components have assigned exposure limits.

**Appropriate Engineering Controls**

Eyewash bottle with clean water. Provide eyewash station and safety shower. Observe good industrial hygiene practices.

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**Individual protection measures, such as personal protective equipment**

<b>General information:</b>	No data available.
<b>Eye/face protection:</b>	Safety glasses with side shields
<b>Skin Protection</b>	
<b>Hand Protection:</b>	Chemical resistant gloves
<b>Other:</b>	Wear suitable protective clothing and eye/face protection.
<b>Respiratory Protection:</b>	If exposure limits are exceeded or respiratory irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Supplied air respirators may be required for non-routine or emergency situations. Respiratory protection must be provided in accordance with OSHA regulations (see 29CFR 1910.134).
<b>Hygiene measures:</b>	Provide adequate ventilation. Avoid contact with eyes, skin, and clothing. Observe good industrial hygiene practices. Wash hands after handling. When using do not eat, drink or smoke.

**9. Physical and chemical properties**

**Appearance**

<b>Physical state:</b>	liquid
<b>Form:</b>	liquid
<b>Color:</b>	White
<b>Odor:</b>	Faint
<b>Odor threshold:</b>	No data available.
<b>pH:</b>	4.5
<b>Melting point/freezing point:</b>	No data available.
<b>Initial boiling point and boiling range:</b>	100 °C
<b>Flash Point:</b>	> 100 °C estimated
<b>Evaporation rate:</b>	1.0
<b>Flammability (solid, gas):</b>	No data available.
<b>Upper/lower limit on flammability or explosive limits</b>	
<b>Flammability limit - upper (%):</b>	No data available.
<b>Flammability limit - lower (%):</b>	No data available.
<b>Explosive limit - upper (%):</b>	No data available.
<b>Explosive limit - lower (%):</b>	No data available.
<b>Heat of combustion:</b>	No data available.
<b>Vapor pressure:</b>	No data available.

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<b>Vapor density:</b>	1.0
<b>Density:</b>	0.98 g/cm <sup>3</sup> (25 °C)
<b>Relative density:</b>	0.98 (25 °C)
<b>Solubility(ies)</b>	
<b>Solubility in water:</b>	Dispersible
<b>Solubility (other):</b>	No data available.
<b>Partition coefficient (n-octanol/water) Log Pow:</b>	No data available.
<b>Auto-ignition temperature:</b>	No data available.
<b>Decomposition temperature:</b>	No data available.
<b>SADT:</b>	No data available.
<b>Viscosity, dynamic:</b>	ca. 1,500 mPa·s (40 °C)
<b>Viscosity, kinematic:</b>	4,000 mm <sup>2</sup> /s (25 °C)   > 20.5 mm <sup>2</sup> /s (40 °C)
<b>VOC:</b>	; No data available.

## 10. Stability and reactivity

<b>Reactivity:</b>	No dangerous reaction if used as recommended.
<b>Chemical Stability:</b>	Material is stable under normal conditions.
<b>Possibility of hazardous reactions:</b>	Hazardous polymerisation does not occur.
<b>Conditions to avoid:</b>	Do not freeze.
<b>Incompatible Materials:</b>	None known.
<b>Hazardous Decomposition Products:</b>	After evaporation of water, combustion will generate: Carbon dioxide Silicon dioxide. Measurements at temperatures above 150°C in presence of air (oxygen) have shown that small amounts of formaldehyde are formed due to oxidative degradation.

## 11. Toxicological information

**General information:** This product is not tested.

### Information on likely routes of exposure

<b>Ingestion:</b>	No data available.
<b>Inhalation:</b>	No data available.
<b>Skin Contact:</b>	No data available.
<b>Eye contact:</b>	No data available.

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**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.

**Information on toxicological effects**

**Acute toxicity (list all possible routes of exposure)**

**Oral**

**Product:** Not classified for acute toxicity based on available data.

**Dermal**

**Product:** ATEmix: 96,153.85 mg/kg

**Inhalation**

**Product:** ATEmix: 14.58 mg/l

**Repeated dose toxicity**

**Product:** No data available.

**Skin Corrosion/Irritation**

**Product:** No data available.

**Serious Eye Damage/Eye Irritation**

**Product:** No data available.

**Respiratory or Skin Sensitization**

**Product:** No data available.

**Carcinogenicity**

**Product:** No data available.

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**SILSOFT E-PEARL PMF/PAIL/33LB-15KG****IARC Monographs on the Evaluation of Carcinogenic Risks to Humans:**

No carcinogenic components identified

**US. National Toxicology Program (NTP) Report on Carcinogens:**

No carcinogenic components identified

**US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050):**

No carcinogenic components identified

**Germ Cell Mutagenicity****In vitro**

**Product:** No data available.

**In vivo**

**Product:** No data available.

**Reproductive toxicity**

**Product:** No data available.

**Specific Target Organ Toxicity - Single Exposure**

**Product:** No data available.

**Specific Target Organ Toxicity - Repeated Exposure**

**Product:** No data available.

**Aspiration Hazard**

**Product:** No data available.

**Other effects:** No adverse effects anticipated from available information.

<b>12. Ecological information</b>
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**Ecotoxicity:****Acute hazards to the aquatic environment:****Fish**

**Product:** No data available.

**Aquatic Invertebrates**

**Product:** No data available.

**SILSOFT E-PEARL PMF/PAIL/33LB-15KG****Chronic hazards to the aquatic environment:****Fish****Product:** No data available.**Aquatic Invertebrates****Product:** No data available.**Toxicity to Aquatic Plants****Product:** No data available.**Persistence and Degradability****Biodegradation****Product:** No data available.**BOD/COD Ratio****Product:** No data available.**Bioaccumulative potential****Bioconcentration Factor (BCF)****Product:** No data available.**Partition Coefficient n-octanol / water (log Kow)****Product:** Log Kow: No data available.**Mobility in soil:** No data available.**Known or predicted distribution to environmental compartments**Hydrocarbons, C4, 1,3-  
butadiene-free, polymd.,  
tetraisobutylene fraction,  
hydrogenated**Other adverse effects:** No data available.**13. Disposal considerations****General information:**

The generation of waste should be avoided or minimized wherever possible. Do not discharge into drains, water courses or onto the ground. See Section 8 for information on appropriate personal protective equipment.



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**Disposal instructions:** Disposal should be made in accordance with federal, state and local regulations.

**Contaminated Packaging:** Dispose of as unused product.

**14. Transport information**

**DOT**

Not regulated.

**IMDG**

Not regulated.

**IATA**

Not regulated.

**Special precautions for user:** This product is not regarded as dangerous goods according to the national and international regulations on the transport of dangerous goods.

**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**

No SARA Hazards

**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.

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**SARA 311/312 Hazardous Chemical**

<u>Chemical Identity</u>	<u>Threshold Planning Quantity</u>
Hydrocarbons, C4, 1,3-butadiene-free, polymd., tetraisobutylene fraction, hydrogenated	10000 lbs

**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.

**US State Regulations**

**US. California Proposition 65**

No ingredient regulated by CA Prop 65 present.

**US. New Jersey Worker and Community Right-to-Know Act**

Chemical Identity

Water

Methylsilsesquioxane

Dimethyl Silicone Oil

Hydrocarbons, C4, 1,3-butadiene-free, polymd., tetraisobutylene fraction, hydrogenated

Polyoxyethylene Monostearate

**US. Massachusetts RTK - Substance List**

No ingredient regulated by MA Right-to-Know Law present.

**US. Pennsylvania RTK - Hazardous Substances**

No ingredient regulated by PA Right-to-Know Law present.

**US. Rhode Island RTK**

No ingredient regulated by RI Right-to-Know Law present.

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**Inventory Status:**

Japan (ENCS) List:	y (positive listing)	Remarks: None.
Australia AICS:	T (temporary special case)	Remarks: None.
Canada DSL Inventory List:	n (Negative listing)	Remarks: None.
EU EINECS List:	y (positive listing)	Remarks: None.
China Inventory of Existing Chemical Substances:	y (positive listing)	Remarks: None.
Korea Existing Chemicals Inv. (KECI):	e (special case)	Remarks: None.
Canada NDSL Inventory:	n (Negative listing)	Remarks: None.
Philippines PICCS:	n (Negative listing)	Remarks: None.
US TSCA Inventory:	E (special case)	Remarks: This product is intended only for personal care applications. It is not intended for industrial use; therefore, it is not subject to TSCA.
Taiwan Chemical Substance Inventory:	y (positive listing)	Remarks: None.

**16. Other information, including date of preparation or last revision**
**HMIS Hazard ID**

<b>Health</b>	<input type="text" value="0"/>
<b>Flammability</b>	<input type="text" value="1"/>
<b>Physical Hazards</b>	<input type="text" value="0"/>
<b>PERSONAL PROTECTION</b>	<input type="text"/>

Hazard rating: 0 - Minimal; 1 - Slight; 2 - Moderate; 3 - Serious; 4 - Severe; RNP - Rating not possible; \*Chronic health effect

**Issue Date:** 09/13/2017

**Revision Date:** No data available.

**Version #:** 2.0

**Further Information:** No data available.

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**Disclaimer:**

**Notice to reader**

Unless otherwise specified in section 1, Momentive products are intended for use in the manufacture and/or formulation of products and are not intended for direct consumer use. These products are not intended for long-lasting (> 30 days) implantation, injection or direct ingestion into the human body, nor for use in the manufacture of multiple use contraceptives. Keep out of the reach of children.

**Further Information**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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