

# MATERIAL SAFETY DATA SHEET

## SEMPRE MARESIL POLYSILICATE PRIMER



Revision date: 01-12-2007

### 1. Identification of the substance/preparation and company/undertaking

<b>Product name:</b>	SEMPRE MARESIL POLYSILICATE PRIMER - manufactured in poliactiv technology
<b>Manufacturer:</b>	SEMPRE Farby Sp. z o.o., Ul. Gen. Kustronia 60 43-301 Bielsko - Biała, Poland tel. +48 33 496 06 09, fax. +48 33 496 06 10
<b>ROI Supplier:</b>	Sempre Therm Ireland Ltd, Abbeyfeale Co. Limerick + 353 68 304 35, +353 87 413 55 25
<b>UK Supplier:</b>	Energytherm, Suite 1333, Kemp House, 152-160 City Road London, EC1V 2NX, United Kingdom tel. +44 20 3195 3880, +44 77 6784 1143
<b>Emergency telephone:</b>	112, +48 33 496 06 09 w.18 ( Monday - Friday 7 am -4 pm )

### 2. Hazards identification

Not regarded as a health or environmental hazard under current legislation.

### 3. Composition/information on ingredients

Water colloidal silica mixture of acrylic copolymer dispersion, titanium dioxide (coloured pigments), carbonate fillers and auxiliary organic origin agents.

### 4. First-aid measures

<b>Inhalation:</b>	Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.
<b>Ingestion:</b>	<b>NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS!</b> Rinse mouth thoroughly. Drink plenty of water. Get medical attention if any discomfort continues.
<b>Skin contact:</b>	Remove affected person from source of contamination. Promptly wash contaminated skin with soap or mild detergent and water. Promptly remove clothing if soaked through and wash as above. Get medical attention if irritation persists after washing.
<b>Eye contact:</b>	Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

### 5. Fire-fighting measures

<b>Extinguishing media:</b>	This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials.
<b>Protective measures in fire:</b>	Self contained breathing apparatus and full protective clothing must be worn in case of fire.

### 6. Accidental release measures

<b>Spill clean up methods:</b>	Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers. Flush with plenty of water to clean spillage area. Do not contaminate water sources or sewer.
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### 7. Handling and storage

<b>Usage precautions:</b>	Avoid spilling, skin and eye contact.
<b>Storage precautions:</b>	Store in tightly closed original container in a dry and cool place. Keep in original container.

### 8. Exposure controls/personal protection

<b>Ingredient comments:</b>	WEL = Workplace Exposure Limits
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**Protective equipment:**



<b>Engineering measures:</b>	Provide adequate general and local exhaust ventilation.
<b>Hand protection:</b>	Use suitable protective gloves if risk of skin contact. Rubber or plastic.
<b>Eye protection:</b>	If risk of splashing, wear safety goggles or face shield.
<b>Other protection:</b>	Wear appropriate clothing to prevent any possibility of skin contact.
<b>Hygiene measures:</b>	<b>DO NOT SMOKE IN WORK AREA!</b> Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes wet or contaminated. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

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### 9. Physical and chemical properties

Appearance:	Liquid
Colour:	White & Various
Odour:	Characteristic
Relative density:	Approx. 1.3 gr/cm <sup>3</sup>
PH:	pH 8-9

### 10. Stability and reactivity

Stability:	Stable under normal temperature conditions. Avoid: Freezing.
Conditions to avoid:	Avoid excessive heat for prolonged periods of time.
Hazardous decomposition products:	Fire creates: Carbon monoxide (CO). Carbon dioxide (CO <sub>2</sub> ).

### 11. Toxicological information

Health warnings:	No specific health warnings noted.
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### 12. Ecological information

Ecotoxicity:	Not regarded as dangerous for the environment.
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### 13. Disposal considerations

Disposal methods:	Dispose of waste and residues in accordance with local authority requirements.
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### 14. Transport information

Road transport notes:	Not Classified.
Rail transport notes:	Not Classified.
Sea transport notes:	Not Classified.
Air transport notes:	Not Classified.

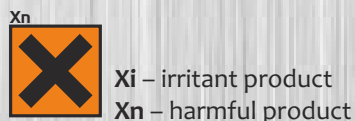
### 15. Regulatory information

Risk phrases:	NC Not classified.
Safety phrases:	S <sub>2</sub> Keep out of the reach of children S <sub>37/39</sub> Wear suitable gloves and eye/face protection.
Statutory instruments:	Chemicals (Hazard Information and Packaging) Regulations.
Approved code of practice:	Classification and Labelling of Substances and Preparations Dangerous for Supply.
Guidance notes:	Workplace Exposure Limits EH40.

### 16. Other information

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Risk phrases in full:



C - Corrosive.	R48/22 – Danger of serious damage to health by prolonged exposure, harmful if swallowed.
R10 – Flammable.	R65 – Harmful – may cause lung damage if swallowed.
T – Toxic.	R66 – Repeated exposure may cause skin dryness or cracking.
R22 – Harmful if swallowed.	R67 – Vapors may cause drowsiness and dizziness.
R20/22 – Harmful by inhalation, harmful if swallowed.	N – Environmentally hazard.
R23/24 – Toxic by inhalation, toxic in contact in skin.	R50 – Very toxic to aquatic organisms.
R34 – Causes burns.	R50/53 – Very toxic to aquatic organisms, may cause long – term adverse effects in the aquatic environment.
R36/37/38 – Irritating to eyes, respiratory system and skin.	R52/53 – Harmful to aquatic organisms, may cause long – term adverse effects in the aquatic environment.
R40 – Limited evidence of carcinogenic effect.	
R41 – Risk of serious damage to the eyes.	
R43 – May cause sensitization by skin contact.	

The product should be used as directed -consult specification sheet for further details. This information is given in good faith and is believed to be accurate and complete. It should be made available to all personnel using/ handling the product.