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Glassflake GF 200 Series (white)

1. Identification of the Substance/Preparation and the Company/Undertaking

Trade Name:	Supplier:	Manufacturer:
	Alfa Laval Tumba AB	SAIT SPA
	Hans Stahles väg	Via S'Anna alle paludi 115
Product Type:	SE-147 80 Tumba	80142-Napoli
Repair set	Sweden	Italy
	Tel: +46 8 5306 5000	
	Fax: +46 8 5306 5259	
e-mail:	sds.question@alfalaval.com	
	Emergency number: +46 8 33 70 43 (24h)	

2. Hazards Identification

The product is flammable. The overexposure to vapours can cause irritating to skin, eyes and respiratory system.

3. Composition/Information on Ingredients

Components	Weight-%	CAS No	Symbol	EEC-classification
Styren	20-40	100-42-5	Xn	R10-20-36/38

See section 16 for explanations to R-phrases.

4. First Aid Measures

First aid – Eyes	Flush immediately with plenty of tepid water for least 5 minutes and get immediate medical attention.
First aid – Skin	Remove contaminated clothing. Wash thoroughly with soap and water.
First aid – Ingestion	Do not induce vomiting call physician immediately.
First aid – Inhalation	Move to fresh air. Oxygen or artificial respiration if there is difficulty in breathing. Get medical attention.

5. Fire-Fighting Measures

Cool with water cans exposed to fire. Extinguish fire with: CO2 foam, sand etc, not water.

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6. Accidental Release Measures

Personal precautions	Use safety goggles (or other face visor) and safety gloves. Assure a good ventilation.
Environmental precautions	Prevent spills from reaching sewage, wells and watercourses.
Spillage	Spillage should be absorbed into sand, hearth or sawdust and sent to authorized dump

7. Handling and Storage

Handling	Keep container closed, upright when not in use. Store in cool, dry and good ventilated area
Storage	Avoid contact with skin and eyes. Handle only in conditions of good ventilation.

8. Exposure Controls/Personal Protection

The product contains hazardous ingredients. The Occupational Exposure Limits (OEL) established by the Health & Safety Executive are as follows:

Styren vapors	% Wt/wt	LTEL		STEL		Notes
		8 hr ppm	TWA* mg/cu.m	15 min ppm	Ref** mg/cu.m	
		20	90	50	200	H,M

Notes:
H – The substance is easily absorbed through the skin.
M- Medical control is demand.

Respiratory protection	Active coal mask, assure a good ventilation. Environmental controls must be adequate to maintain atmospheric concentration below the OEL at all times, otherwise respiratory protection must be worn.
Hand protection	Impermeable gloves solvents resistant.
Eye protection	Wear chemical goggles and/or a face shield.

9. Physical and Chemical Properties

Color	White.
Smell	Aromatic.
Physical state	Tixotropic fluid.
Solubility in water	Insoluble.
Flash Point	320C styrene.
Specific gravity water=1	Ca. 1,20 gr/cmc a 250C.

10. Stability and Reactivity

Stability	Stable.
Incompatibility	Strong oxidisers.

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Condition to avoid	Excessive heating over 250C, sun ray exposition.
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11. Toxicological Information

Inhalation LC	> 5 mg/l - Styrene.
Ingestion LD 50	> 2000 mg/kg – Styrene.
TVL-TWA	213 mg/mc – Styrene.

12. Ecological Information

Do not empty into drains and waterbed.

13. Disposal Considerations

Catalysed waste material is not-hazardous and can be disposed of as "municipal special solid waste".

14. Transport Information

ADR/ADR-S/ RID/RID-S	UN-No: 1139 Proper shipping name: Coating solution (vapour pressure at 50 °C not more than 110 kPa) Class: 3 Classification code: F1 Packaging group: III
IMDG-code	UN-No: 1139 Proper shipping name: Coating solution, (vapour pressure at 50 °C not more than 110 kPa) IMO-class: 3 Subsidiary risk: - Packaging group: III EmS No: F-E, S-E Marine pollutant: No Flashpoint: 32 °C
DGR	UN-No: 1139 Proper shipping name: Coating solution, (vapour pressure at 50 °C not more than 110 kPa) Class: 3 Subsidiary risk: - Packaging group: III

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15. Regulatory Information

Symbol(s)	Xi	
		Irritant
R-phrases	R10 Flammable R20 Harmful by inhalation R36/38 Irritating to eyes, respiratory system and skin.	
S-phrases	S51 Use only in well-ventilated areas. S23 Do not breath vapours. S38 In case of insufficient ventilation, wear suitable respiratory equipment.	

16. Other Information

Explanations to R-phrases in section 2	R10 Flammable R20 Harmful by inhalation R36/38 Irritating to eyes, respiratory system and skin.
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See also product label for product applications.

Changes have been made in sections 1, 2, 3, 4, 6, 7, 8 and 15.

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