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984401181/9999105067-ENG-2	2003-08-29	2008-01-23	1	Jeanette Hasseson	1 of 5

Glassflake GF 200 Series (red)

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

Trade Name:	Supplier:	Manufacturer:
GF 200 Series	ALFA LAVAL Tumba AB	SAIT SPA
	Hans Stahles väg	Via S'Anna alle paludi 115
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Product Type:

Repair set

Emergency number: +46 (0)8-33 70 43 open during Swedish office time

2. Hazard Identification

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

3. Composition/information on the ingredients

See section 16 for explanation to R-phrases.

Hazardous ingredient	Weight-%	CAS No	EC nr	EEC symbols	Classification
Styrene	20-40	100-42-5	202-851-5	Xn	R10-36/38

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4. First- aid measures

First aid – Skin contact	Wash thoroughly with soap and water.
First aid – Eye contact	Flush immediately with plenty of tepid water for least 5 minutes and get immediate medical attention.
First aid – If Swallowed	Do not induce vomiting call physician immediately.
First aid – Inhalation	Provide fresh air, if breathing laboured give oxygen or artificial respiration. Get medical attention.

5. Fire- fighting measures

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

6. Accidental release measures

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

7. Handling and storage

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

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8. Exposure Control / Personal Protection

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

Substance	LTEL			STEL		Notes
	% wt/wt	8 hr ppm	TWA* mg/cu.m	15min ppm	Ref** mg/cu.m	
Styren vapors		20	90	50	200	H,M
* Long term exposure limit	- 8 hour time weighted average reference period.					
** Short term exposure limit	- 15 minute reference period.					
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	Of catalog.
Smell	Aromatic.
Physical state	Tixotropic fluid.
Solubility in water	Insoluble.
Flash Point	32°C styrene.
Specific gravity water=1	Ca. 1,20 gr/cmc a 25°C.

10. Stability and Reactivity

Stability	Stable.
Incompatibility	Strong oxidisers.
Condition to avoid	Excessive heating over 25°C, sun ray exposition.

11. Toxicological Information

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

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12. Eco-toxicological Information

Do not empty into drains and waterbed.

13. Disposal

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 IMO-class: 3 Subsidiary risk: - Packaging group: III EmS No: F-E, <u>S-E</u> Marine pollutant: No Flashpoint: 32 °C
DGR	UN-No: 1139 Proper shipping name: Coating solution Class: 3 Subsidiary risk: - Packaging group: III
According to existing regulations	ADR/ADR-S 2003-01-01 RID/RID-S 2003-01-01 IMDG-code Amdt 31-02 DGR 44 th Edition

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15. Regulatory Information

Label Symbol(s):



Xi Irritant

Risk Phrases:

R10 Flammable
R36/37/38 Irritating to eyes, respiratory system and skin.

Safety 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

Explanation of R-phrases in section
2

R10 Flammable.
R20 Harmful by inhalation.
R36/38 Irritating to eyes and skin.

Important changed have been made in section: 1, 2, 3, 4, 6, 7, 8 and 15.

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