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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 berating. 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

| | |
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| 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

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|----------|---|
| 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 | % | LTEL | | STEL | | Notes |
|---------------|-------|------|---------|--------|---------|-------|
| | | 8 hr | TWA* | 15 min | Ref** | |
| | Wt/wt | ppm | mg/cu.m | ppm | 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. |
| 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.

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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