

SILVANDERSSON SWEDEN AB

P. O. Box 56, SE-310 20 Knäred
ph. +46 430 78040 Fax. +46-430 780 50

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product name: Glue Boards for EFK's Date: 2009-04-03
Product code: Replace: 2005-03-01

Company: Silvandersson Sweden AB Phone: 0430-780 40
P. O. Box 56
SE-310 20 Knäred
Sweden

2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical family: Hot melt adhesive

	<u>CAS No.</u>	<u>content %</u>
Paraffin oil	8042-47-5	40 – 50 %
Hydrocarbon resin	68132-00-3	40 – 50 %
Styrene polymer	25038-32-8	5 – 10 %
Stabilators		< 1 %
Antioxidants		< 0.5 %

3. HAZARDS IDENTIFICATION

Not considered as hazardous (EEC)

Eye: As supplied: irritant as a foreign body. As used: severe thermal hazard.

Skin contact: As supplied: no hazard. As used: severe thermal hazard.

Inhalation: Vapours and/or aerosols, which may be formed at elevated temperatures, may be irritating to eyes and respiratory tract.

Ingestion: Low order of toxicity.

4. FIRST-AID MEASURES

Eye: If hot: flush with cool water. Treat as wax or resin burn. Do not attempt to remove solidified adhesive. Get medical attention immediately. As supplied: remove as foreign body.

Skin contact: If hot: flush with cool water. Treat as wax or resin burn. Do not attempt to remove solidified adhesive. Get medical attention immediately. As supplied: non-hazardous.

Inhalation: Remove to fresh air. Get medical attention if irritation persists.

Ingestion: None required.

5. FIRE FIGHTING MEASURES

Auto flammability:	Not applicable
Flash point:	>200°C
Extinguishing media:	CO ₂ – Dry chemical
Special fire fighting procedures:	No special procedures are required.
Fire & Explosion hazards:	Not applicable.
Hazardous combustion products:	Carbon monoxide, carbon dioxide, unknown hydrocarbons.
Upper explosion limit (%):	Not applicable.
Lower explosion limit (%):	Not applicable.

6. ACCIDENTAL RELEASE MEASURES

Spill or leakage procedures:	Allow to cool and solidify. Scrape up and collect in suitable container for disposal.
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For safety and environmental precautions, please review entire Safety Data Sheet for necessary information.

7. HANDLING AND STORAGE

Storage temperature:	Ambient.
Special sensitivity:	No special sensitivity.
Handling/storage:	Store in cool, dry area. Precautions: this product should only be heated to recommended temperatures. The hazards of pyrolysis products are unknown.
Ventilation requirements:	Local exhaust over glue chamber.
Sensitivity to static electricity:	No.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

Ventilation requirements:	Local exhaust over glue chamber.
Eye protection requirements:	Safety glasses, goggles or face shield to protect against splashing.
Glove requirements:	Thermally resistant gloves should be worn.
Clothing requirements:	Uniforms, coveralls, or a lab coat should be worn.
Respiratory requirements:	None required if good ventilation is maintained.

9. PHYSICAL AND CHEMICAL PROPERTIES

Pure substance or preparation:	Preparation
Physical form:	Solid
Appearance/odour:	Amber; no odour
Odour threshold:	Not applicable
pH as is:	Not applicable
Boiling point:	>250° C
Melting/freezing point:	50 - 60°C
Solubility in water:	Insoluble; water
Partition coefficient (n-octanol/water):	Not applicable
Relative density:	1 000
Evaporate rate:	Not applicable
Vapour pressure mmHg:	Not applicable
Vapour density (air = 1):	Not applicable
Volatiles:	None
Volatile organic compounds:	< 1 g/l
Auto flammability:	Not applicable
Flash point:	>200°C
Oxidizing properties:	Not applicable

10. STABILITY AND REACTIVITY

Stability:	Stable
Hazardous decomposition products:	Not applicable

11. TOXICOLOGICAL INFORMATION

Product toxicology

Product information:	Not established
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Chronic (long term) effects of exposure

Route of entry:	Inhalation; skin contact; eye contact.
Effects of chronic exposure:	Although this product has not been tested for chronic effects; it is judged as having a low order of toxicity based on component information. Use of good industrial hygiene practices is recommended.
Target organs:	None known
Special health effects:	None known

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12. ECOLOGICAL INFORMATION

Potential effect on environment:	Unknown
Mobility:	Unknown
Persistence and degradability:	Unknown
Potential to bio accumulate ecotoxicity:	Unknown
Aquatic toxicity:	None established

13. DISPOSAL CONSIDERATION

Waste disposal methods:	Waste disposal should be in accordance with existing Community, National and Local Regulations.
Empty container warnings:	Not needed

14. TRANSPORT INFORMATION (see also section 9)

ADR/RID:	Not applicable
CEFIC tremcard number:	Not applicable
HAZCHEM code:	Not applicable
KEMMLER code:	Not applicable
IMDG classification:	Not applicable
IATA classification:	Not applicable
U.N. number (S:I:N):	Not applicable
U.N. class, packing group:	Not applicable

15. REGULATORY INFORMATION

EEC Hazard Classification: None

Directives 88/379/EEC and 91/155/EEC have been considered when compiling this SDS; the information is provided for health and safety assessment by an industrial user. Reference should be made to any relevant local or national health, safety and environmental legislation. This information does not constitute indication of suitability for specific uses.

16. OTHER INFORMATION

FDA-status: complies with the composition requirements of "Food Packaging Adhesives" – 21 CFR 175.105.