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1. IDENTIFICATION OF THE SUBSTANCE / AND OF THE COMPANY

Product Name : **LOKSET RESIN CAPSULES**

Application : Resin capsule anchor system

Compliance : Meets requirements of SABS 1534,1991.

Company : Minova RSA.

Address : P O Box 52, Isando, 1600

Telephone : (011) 908-1980 **Fax** : (011) 864-4311

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2. COMPOSITION / INFORMATION ON INGREDIENTS

COMPOSITION : Polyester resin containing styrene, inert fillers, benzoyl peroxide, pigment, water

HAZARDOUS INGREDIENTS : Styrene

SYMBOL : Xn **CAS No.** : 100-42-5 < 12.5%

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3. HAZARDS IDENTIFICATION

Flammable - the risk of Lokset capsules catching fire is low.

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4. FIRST AID MEASURES (SEVERE EXPOSURE)

Eyes : Irrigate immediately with copious quantities of water for several minutes. Obtain medical attention promptly.

Skin : Wash immediately with soap and water or suitable skin cleanser. Remove contaminated clothing immediately.

Inhalation : Remove from exposure, rest and keep warm and obtain medical attention promptly.

Ingestion : Wash out mouth with water. Do NOT induce vomiting. Obtain medical attention. Beware of aspiration if vomiting occurs.

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5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media : Carbon dioxide, powder, foam or water fog - Do not use water jets.

Special Exposure Hazards : Toxic fumes.

Special Protective Equipment : Self-contained breathing apparatus.

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6. ACCIDENTAL RELEASE MEASURES

Personal Precautions : Immediately issue NO SMOKING and NO NAKED FLAMES warnings. Wear protective clothing.

Environmental Precautions : Prevent entry into drains, sewers and water courses.

Decontamination Procedures : Soak up with inert absorbent or contain and remove by scraping material together.

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7. HANDLING AND STORAGE

- Handling** : Do not use near sources of ignition. Avoid breathing fumes. Avoid skin and eye contact. In case of insufficient ventilation, wear suitable respiratory equipment.
- Storage** : Store in a cool place away from sources of heat and out of direct sunlight. Store in conformity with local fire regulations. Underground storage in return air only.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

- Engineering Control Measures** : Use only in well ventilated areas.
- Personal Protection** : In case of insufficient ventilation wear suitable respiratory equipment. Impervious gloves (e.g. nitrile or neoprene). Safety glasses. Change contaminated clothing immediately and clean before re-use.

9. PHYSICAL AND CHEMICAL PROPERTIES

- Physical State** : Paste
- Colour** : Black base, white catalyst
- Odour** : Pungent, characteristic of styrene
- Boiling Point/Range (°C)** : 145
- Flash Point (closed, °C)** : >30°C
- Autoflammability (°C)** : Autoignition temperature 490
- Relative Density (at 20°C)** : 2.0
- Water Solubility** : Insoluble

10. STABILITY AND REACTIVITY

- Stability** : Stable if used as directed.
- Conditions to avoid** : Direct sunlight and extreme temperatures.
- Materials to avoid** : Strong oxidising agents. Strong acids. Strong Alkalis.
- Hazardous Decomposition Products** : Thermal decomposition :- Oxides of carbon.

11. TOXICOLOGICAL INFORMATION

The following toxicological assessment is based on a knowledge of the toxicity of the product's components. Oral LD50, rat 2000mg/kg.

Health Effects

- On Eyes** : Irritating and may injure eye tissue if not removed promptly. Vapour may cause irritation
- On Skin** : Irritation. Defats the skin.
- By Inhalation** : Vapours may cause headaches, dizziness and central nervous system depression.
- By Ingestion** : Severe irritation and symptoms similar to inhalation.
- Chronic** : Repeated and prolonged skin contact may lead to skin disorders.

12. ECOLOGICAL INFORMATION

- Environmental Assessment** : May cause significant ecological damage in aquatic systems and must be used and disposed of in accordance with the recommendations made in this safety data sheet.
- Mobility** : Volatile. Insoluble in water.
- Persistence and Degradability** : Not known. Expected to be not readily biodegradable.
- Bioaccumulative Potential** : Not expected to be bioaccumulative.
- Ecotoxicity** : Expected to be ecotoxic to fish/daphnia/algae.

13. DISPOSAL CONSIDERATIONS

Disposal must be in accordance with local and national legislation.

Unused Product : Use professional waste disposal.

Used/Contaminated Product : Use professional waste disposal.

Packaging : Use professional waste disposal or incinerate.

14. TRANSPORT INFORMATION

Non-hazardous.

15. REGULATORY INFORMATION

Hazard Label Data :-

This product is NOT classified as dangerous for supply in the UK.

EC Directives : Dangerous Substances Directive, 67/548/EEC and adaptations.
Dangerous Preparations Directive, 88/379/EEC.
Safety Data Sheets Directive, 91/155/EEC.

Statutory Instruments : Chemicals (Hazard Information and Packaging for Supply)
(Amendment) Regs. 1996 (SI 1092).
Health & Safety at Work etc. Act 1974.
Control of Substances Hazardous to Health Regs. 1994 (SI 3246).

Codes of Practice : Waste Management. The Duty of Care.

Guidance Notes : Occupational skin diseases : Health and Safety Precautions (EH 26).
Dust in the workplace : general principles of protection (EH 44).
Occupational exposure limits (EH 40).

16. OTHER INFORMATION

Minova RSA is an ISO 9002 accredited company.

Lokset® is a registered trademark of Minova International Limited.

The data and advice given apply when the product is used for the stated application or applications. The product is not sold suitable for any other application. Use of the product for applications other than stated in this sheet may give rise to risks not mentioned in this sheet. The product should not be used other than for the stated application or applications without seeking advice from Minova RSA.

If this product has been purchased for supply to a third party for use at work, it is the purchaser's duty to take all the necessary steps to secure that any person handling or using the product is provided with the information in this sheet.

It is the responsibility and duty of the employer to inform employees and others who may be affected of any hazards described in this sheet and of any precautions which should be taken.

This sheet does not constitute or substitute for the users own assessment of workplace risk, as required by other health and safety legislation.