

Sicherheitsdatenblatt

LAUDA

Safety Data Sheet/Fiche de données de sécurité

Richtlinie 2001/58/EG; Directive 2001/58/CEE; /Directive 2001/58/EC

1	Identifications of the substance/preparation and the company	Therm 240	
	Order No.	LZB 122	5 L
		LZB 222	10 L
		LZB 322	20 L
LAUDA DR. R. WOBSEER GmbH & CO. KG, Postfach 12 51, D-97912 Lauda-Königshofen Tel.: +49 (0) 93 43 / 503-0, Fax.: +49 (0) 93 43 / 503-222, Internet: www.lauda.de, E-mail :info@lauda.de			

2 Composition / information on ingredients

SUBSTANCE	Polymethylphenylsiloxane
Common chemical name	
CAS number	63148-52-7.

3 Hazards identification

MOST IMPORTANT HAZARDS

Adverse human health effects	No specific risk when handled in accordance with good occupational hygiene and safety practice.
Environmental effects	Presents no particular risk to the environment, provided the disposal requirements (see section 13) and national or local regulations are complied with.
Physical and chemical hazards	
-Fire or explosion	Combustible liquid.
Classification/Specific hazards	According to EEC criteria, this product is not classified as a "hazardous substance"

4 First-aid measures

Inhalation	Not specifically applicable
Skin contact	Wipe off as much as possible (using a clean, soft, absorbent material). Wash immediately with plenty of soap and water.
Eye contact	Immediately rinse with water for a prolonged period whilst keeping the eyes wide open. If irritation persists, consult an eye specialist.
Ingestion	Consult a doctor if necessary.

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5 Fire - fighting measures

Extinguishing media

- Suitable Foam. Powders. Carbon dioxide (CO₂).

- Not suitable Strong water jet.

Specific hazards Combustible liquid.

For further information, refer to section 10: "Stability and Reactivity".

Specific fire fighting methods Cool down the containers/equipment exposed to heat with a water spray.

Protection of fire-fighters Self-contained breathing apparatus

6 Accidental release measures

Personal precautions Personal protective equipment:

Safety spectacles.

Stop the leak. Turn leaking containers leak-side up to prevent the escape of liquid.

Environmental precautions

For a large spillage, contain the spillage by bunding. Do NOT discharge into drains or rivers.

Methods for cleaning up

- Recovery

Collect up the product and place it in a spare container: - suitably labelled.
- with a closing device.

Keep the recovered product for subsequent disposal

- Neutralization

Absorb non-recoverable liquid with:

- dry sand or dry inert absorbent.

- Cleaning/Decontamination

Decontaminate and wash the floor with:

- an appropriate solvent. Then wash with plenty of water.

- Disposal

Incinerate contaminated materials at an authorized installation

7 Handling and storage

HANDLING

Technical measures

Does not require any specific or particular measures.

STORAGE

Technical measures

Take all necessary measures to avoid accidental discharge of products into drains and waterways due to the rupture of containers or transfer systems.

Storage conditions

- Recommended

Stable under normal storage conditions.

Incompatible products

Strong oxidizing agents.

Packaging

- Steel drums varnished with epikote.

Packaging materials

-Recommended

Coated steels. Plastic materials.

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8 Exposure controls / personal protection

Personal protective equipment

- Eye protection Safety spectacles.

Collective emergency equipment Eye fountain.

9 Physical and chemical properties

APPEARANCE

- Physical state Liquid

-Form viscous

- Colour colourless

Odour very slight

pH Not applicable

Specific temperatures

Decomposition temperature >250°C

Flammability characteristics

- Flash point 300°C (Closed cup, according to method AFNOR T 60103).

Oxidizing properties Non oxidizing material according to EEC criteria.

Specific gravity Approx. 1065 kg/m³ at 25°C.

Solubility

- in water Practically insoluble.

- in organic solvents Miscible (in all proportions) with:
-alcohol (ethanol) - ethers; - acetone,
-Aliphatic and aromatic hydrocarbons.
- chlorinated solvents.

Kinematic viscosity approx. 125 mm²/s, at 25°C.

10 Stability and reactivity.

Stability Stable at room temperature.

Hazardous reactions Reacts with:

- **Materials to avoid** - strong oxidizing agents.

- **Hazardous decomposition products** On combustion forms: (Carbon oxides (CO + CO₂), amorphous silica

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11 Toxicological information

Acute toxicity	LD 50 oral (Rat): > 2000 mg/kg. (Unpublished work).
Local effects	Not irritating to rabbits on cutaneous application. Not irritating to rabbits on ocular application. (Unpublished work). May cause slight temporary irritation to ocular mucous membranes.
Sensitisation	Not a sensitizer for guinea-pigs, when tested using the Magnusson and Kligman method. (Unpublished work).
Specific effects	Point mutations:
- Mutagenicity	Negative. Ames test. (with or without metabolic activation). (Unpublished work).

12 Ecological information

MOBILITY

Absorption/desorption	Product absorbs onto soil.
Precipitation	Slightly soluble product, readily forms deposits.
Expected behaviour of the product	Ultimate destination of the product: SOIL and SEDIMENT.

BIODEGRADABILITY

- Ultimate aerobic biodegradability Not biodegradable.

BIOACCUMULATION

Bioconcentration factor. Not bioaccumulable.

13 Disposal considerations

WASTE FROM RESIDUES

Destruction/Disposal Dispose of at a licensed waste collection point.

CONTAMINATED PACKAGING

Decontamination/cleaning Allow it to drain thoroughly.
Rinse with an appropriate solvent.
Recover the solvent used for rinsing and incinerate at a licensed site.

Destruction/Disposal Recycle following cleaning or dispose of at an authorised site.

NOTE The user's attention is drawn to the possible existence of local regulations regarding disposal.

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14 Transport information

INTERNATIONAL REGULATIONS

Land

- Rail/toad (RID/ADR) NOT restricted.
Sea(IMO/IMDG) NOT restricted.
Air(ICA0-IATA) NOT restricted.

OTHER REGULATIONS

- France: Rail/road (RID/ADR) NOT restricted.

NOTE

The above regulatory prescriptions are those valid on the date of publication of this sheet.

Given the possible evolution of transport regulations for hazardous materials, it would be advisable to check their validity with your sales office.

15 Regulatory information

LABELLING

EEC regulations

Mandatory labelling (self-classification) of hazardous substances: not applicable.

NOTE

The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the Safety Data Sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

16 Other information

R Phrases of § 2 & 3

No R phrases.

European inventory (EINECS, ELINCS)

These polymers are not concerned by the EINECS inventory.
The corresponding monomers are registered in the EINECS inventory.

This safety data sheet should be used in conjunction with technical sheets. It does not replace them. The information given is based on our knowledge of this product, at the time of publication. It is given in good faith. The attention of the user is drawn to the possible risks incurred by using the product for any other purpose other than that for which it was intended. This does not in any way excuse the user from knowing and applying all the regulations governing his activity. It is the sole responsibility of the user to take all precautions required in handling the product. The aim of the mandatory regulations mentioned is to help the user to fulfil his obligations regarding the use of hazardous products. This information is not exhaustive. This does not exonerate the user from ensuring that legal obligations, other than those mentioned, relating to the use and storage of the product, do not exist. This is solely his responsibility.

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