

SAFETY DATA SHEET

TRL104- INNER LINER SEALANT 473ml

1 IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY

NOM DU PRODUIT: TRL104 – INNER LINER SEALANT 473ml
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2 COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENTS	NOMBRE CAS	EC -No	SYMBOLE	NOMRE DES RISQUES	WEIGHT %
Naphtha (petroleum)	064742-49-0	265-151-9	F, Xn, N	R11/38/65/67/51/53	< 70

3 HAZARDS INFORMATION

R-phrases

- 11 Highly flammable
- 38 Irritating to skin
- 51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
- 67 Vapours may cause drowsiness and dizziness

Special Hazard information for humans and environment: Defatting to skin

4 FIRST AID MEASURES

SKIN CONTACT Wash with soap and plenty of water. Treat subsequently with skin cream. Consult a doctor if skin irritation persists.

EYE CONTACT: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes

INHALATION: Move to fresh air in case of accidental inhalation of vapours. Seek medical treatment immediately

INGESTION: Induce vomiting only upon the advice of a physician. Attention! Beware, danger of aspiration ! Summon a doctor immediately

Remove contaminated soaked clothing immediately. In the event of persistent symptoms receive medical treatment. Take away from danger area and lay down effected person.

5 FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MATERIAL: Alcohol-resistant foam, dry chemical, CO₂, water-spray

Extinguishing material that may not be used for safety reasons: Full water jet

Special exposure hazards arising from the substance, combustible products or resulting gases: Fire may produce: carbon monoxide, carbon dioxide and sulphur air supply

Special protective equipment for fire fighters: Use breathing apparatus with independent air supply

Additional information: Vapours are heavier than air and spread along ground. The vapour /air mixture is explosive, even in empty, uncleaned receptacles. Cool containers at risk with water spray jet

6 ACCIDENTAL RELEASE MEASURES

Personal precautions: In case of vapour formation use respirator. Avoid contact with skin, eyes and clothing. Ensure adequate ventilation. Remove persons to safety. Use personal protective clothing. Keep away sources of ignition.

Environmental precautions: Do not discharge into the drains/surface waters/groundwater

Methods for cleaning up/taking up: Soak up with inert absorbent material (e.g. sand, silica, gel, acid blinder, universal blinder). Shovel into suitable container for disposal.

7 HANDLING AND STORAGE

HANDLING: Keep container tightly closed. Vapours are heavier than air and spread along ground. Use only in thoroughly ventilated areas

STORAGE: Keep away from heat and sources of ignition. Do not smoke. Take precautionary measures against static discharges. Use only explosion-proof equipment. Keep container tightly closed in a dry, cool and well-ventilated place. Pay attention to anti-explosion rules. Incompatible with oxidizing agents. Keep away from food, drink and animal feeding stuffs.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Additional advice on system design: Ensure adequate ventilation, especially in confined area.

Respiratory protection: In case of insufficient ventilation wear suitable respiratory equipment (gas filter type A)

Hand protection: Protective gloves resistant to chemicals made off nitrile. Minimum coat thickness 0.4mm. Permeation resistance (wear duration) approx. 480 minutes, i.e. protective glove <Camatril 735> made by KCL (e-mail: vertrieb@kcl.de). This recommendation refers exclusively to the chemical compatibility and the lab test conforming to EN 374 carried out under lab conditions. Requirements can vary as a function of the use. Therefore it is necessary to adhere additionally to the recommendations given by the manufacturer of protective gloves.

Eye protection: Tightly fitting goggles.

Skin protection: Solvent-resistant apron

General protective measures: Do not inhale vapours. Wash hands before breaks and immediately after handling the product. When using, do not eat, drink or smoke. Treat subsequently with skin cream. Avoid contact with skin, eyes and clothing. Remove and wash contaminated clothes before re-use.

9 PROPRIETES PHYSIQUES ET CHIMIQUES

Form:	liquid	Boiling point:	60-95°C
Colour:	Black	Flash point:	<-25°C
Odour:	hydrocarbon-like	Combustion temperature:	260°C

Lower explosion limit:	1.1 vol-%	Solubility in water:	20°C immiscible
Upper explosion limit:	ca. 7vol%	Viscosity 1:	6000 mPa*s
Vapour pressure:	180hPa 20°C	Solvent concentration:	60-70%
Density:	0,83 g/ml		

10 STABILITY AND REACTIVITY

Conditions to avoid: To avoid thermal decomposition, do not overheat. Vapour/air mixtures are explosive at intensive warming. Heating can release vapours which can be ignited.

Material to avoid: Oxidizing agents

Hazardous decomposition products: Carbon monoxide, carbon dioxide, sulphur oxides

Additional information: No decomposition if stored and applied as directed

11 TOXICOLOGICAL INFORMATION

Experiences made from practice: Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea. Inhalation of high vapour concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting. Contact with eyes may cause irritation. Repeated or prolonged exposure may cause skin irritation and dermatitis, due to degreasing properties of the product. Vapour may cause drowsiness and dizziness.

12 ECOLOGICAL INFORMATION

General regulation: Do not flush into surface water or sanitary sewer system. Slightly water hazardous. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

13 DISPOSAL CONSIDERATIONS

Waste code No.	Name of waste
08 04 09	waste adhesives and sealants containing organic solvents or other dangerous substances

Recommendations for the product: Can be incinerated, when in compliance with local regulations. Where possible recycling is preferred to disposal.

Recommendation for packaging: Empty containers should be taken for local recycling, recovery or waste disposal. Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse. Packaging that cannot be cleaned should be disposed of like product.

General information: Wastes marked with an asterisk (*) are considered to be hazardous waste pursuant to Directive 91/689/EEC on hazardous waste.

14 INFORMATION RELATIVE AU TRANSPORT

Land and inland navigation transport (ADR/RID/GGVS/GGVE/ADNR)

Identification:	1133 ADHESVES
Un-No:	1133
Class:	3
PG:	II
Hazard No:	33
Remarks:	LQ 6: combination packaging: 5l / 20l; trays: 1l / 20l (20kg total gross mass)

Marine transport IMDG/GGV See**Proper shipping name:** ADHESIVES**UN-No:** 1133**Class:** 3**PG:** II**Marine pollutant:** No**EmS-No:** 3-05**Remarks:** LQ (chapter 3.4) combination packaging: 1l / 30Kg (total gross mass) trays: 1l / 20kg (total gross mass)**Air transport ICAO/IATA****Proper shipping name:** ADHESIVES**UN/ID-No:** 1133**Class:** 3**PG:** II**Remarks:** PAC 305 (5L), CAC 307 (60L)**15 REGULATORY INFORMATION****Remarks for classification:** According to EC-regulations the product is to be labelled as follows**Classification:** F Highly flammable
Xi Irritant
N Dangerous for the environment**R-phrases**

- 11 Highly flammable
- 38 Irritating to skin
- 51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
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S-phrases

- 16 Keep away from sources of ignition – No smoking
- 33 Take precautionary measures against static discharges
- 35 This material and its container must be disposed of in a safe way
- 61 Avoid release to the environment. Refer to special instruction/safety data sheets

VOC content <70%

16 OTHER INFORMATION**Further information**

Data of items 4 to 8, as well as 10 to 12, do partly not refer to the use and the regular employing of the product (in this sense consult information on use and product) but to liberation of major amounts in case of accidents and irregularities.

The information describes exclusively the safety requirements for the products and is based on the present level our knowledge.

The delivery specifications are contained in the corresponding product sheet.

This data does not constitute a guarantee for the characteristics of the products as defined by the legal warranty regulations

Wording of the R-phrases specified in chapter 2 (not the classification of the formulation)

R11 Highly flammable

R38 Irritating to skin

R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

R65 Harmful, may cause lung damage if swallowed

R67 Vapours may cause drowsiness and dizziness