



# SAFETY DATA SHEET

Revision: 180702  
Version:9

## 02 6 0724L-XX Rubber solution

### 1. IDENTIFICATION OF THE SUBSTANCE/ MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1 Product identifier

**Product name:**

02 6 0724L Rubber solution

#### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses: Glue

Only for professional and industrial use

#### 1.3 Details of the supplier of the safety data sheet

**Supplier**

Trelleborg Industri AB  
Engineered Fabrics  
Johan Kocksgatan 10  
231 45 Trelleborg  
Tel: 0410 510 00

**E-mail**

[msds.ef&mm@trelleborg.com](mailto:msds.ef&mm@trelleborg.com)

#### 1.4 Emergency telephone number

Outside office hours	+46 10 3456 67 00 Swedish Poisons Information Center
Office hours	+46 (0)410-51741

### 2. HAZARDS IDENTIFICATION

#### 2.1 Classification of the mixture according to EG 1272/2008

Physical and Chemical Hazards	Flam. Liq. 2 - H225
Human health	Skin Irrit 2-H315; Repr2-H361d; STOT SE3-H336; STOT RE2-H373
Environment	Aquatic Chronic 3- H412

The Full Text for all Hazard Statements are Displayed in Section 16.

#### 2.2 Label elements



Signal Word      Danger

**Hazard Statements**

H225 Highly flammable liquid and vapour.  
 H315 Causes skin irritation.  
 H361d Suspected of damaging the unborn child.  
 H336 May cause drowsiness or dizziness.  
 H373 May cause damage to organs through prolonged or repeated exposure  
 H412 Harmful to aquatic life with long lasting effects

**Precautionary Statements**

P202 Do not handle until all safety precautions have been read and understood.  
 P210 Keep away from heat/sparks/open flames/hot surfaces. – No smoking.  
 P280 Wear protective gloves/protective clothing/eye protection/face protection.  
 P304+340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
 P301+310 IF SWALLOWED: Immediately call a POISON CENTER or doctor  
 P403+233 Store in a well-ventilated place. Keep container tightly closed.

**Supplemental label information:**

Content : Toluene, 6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol.

**Only for professional and industrial use.**

**2.3 Other hazards**

Non applicable

**3. COMPOSITION/ INFORMATION ON INGREDIENTS**

Chemical name	Reach No	EG-No (CAS-Nor)	Concentration. (%)	Classification EG 1272/2008
Toluen	01-2119471310-51	203-625-9 (108-88-3)	70-80	Flam.Liq 2-H225; Skin Irrit. 2-H315; Repr. 2-H361d; STOT Single 3-H336; STOT Rep. 2-H373; Asp.Tox.1-H304
Zink oxide	01-2119463881-32	215-222-5 (1314-13-2)	<1	Aquatic Acute 1-H400 Aquatic Chronic 1-H410
6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol	01-2119496065-33	204-327-1 (119-47-1)	<0,5	Repr.2-H361
Polychloroprene rubber	NA	618-463-8 (9010-98-4)	15-25	NA

The full text for all Hazard statements are displayed in Section 16.

**4. FIRST AID MEASURES**

**4.1 Description of first aid measures**

**Inhalation**

Fresh air and rest. Medical assistance if necessary.

**Skin Contact**

Remove all contaminated clothing immediately. Wash with soap and plenty of water.

**Eye Contact**

Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. If symptoms persist, call a physician.

**Ingestion**

Fresh air, warmth and rest. Seek medical assistance. Do not induce vomiting.

**4.2 Most important symptoms and effects, both acute and delayed**

**Inhalation**

Early symptoms are dizziness, intoxication and headache. Inhalation could irritate the respiratory organs. May cause unconsciousness. Long time exposure can give damage on CNS. Consumption may cause pneumonia

#### **Skin contact**

Chronic exposure causes drying effects on the skin and eczema

#### **Eye contact**

May cause temporary eye irritation

#### **Ingestion**

Pulmonary edema, nausea, vomiting and diarrhea.

#### **4.3 Indication of any immediate medical attention and special treatment needed**

If in doubt, GET MEDICAL ATTENTION PROMPTLY.

### **5. FIREFIGHTING MEASURES**

#### **5.1 Extinguishing media**

##### **Suitable extinguishing media**

Foam, carbon dioxide and powder.

##### **Unsuitable extinguishing media**

Waterjet must not be used- thereby spread the fire

#### **5.2 Special hazards arising from the substance or mixture**

##### **Hazards**

Highly flammable.

##### **Special hazards**

Vapours are heavier than air and may spread along floors. Already below room temperature the vapours can form an explosive mixture with air.

#### **5.3 Advice for firefighters**

##### **Protective actions**

Containers should be removed and cooled with water.

##### **Protective equipment for firefighters**

Use self contained breathing apparatus

### **6. ACCIDENTAL RELEASE MEASURES**

#### **6.1 Personal precautions, protective equipment and emergency procedures**

Take precautionary measures against static discharges. Avoid inhalation of vapours and contact with skin and eye.

#### **6.2 Environmental precautions**

Spillage or uncontrolled discharges into watercourses must be immediately alerted to the Environmental Agency or other appropriate regulatory body

#### **6.3 Methods and material for containment and cleaning up**

Absorb with inert, damp, non-combustible material. Collect spillage in containers and deliver for disposal according to local regulations.

#### **6.4 Reference to other sections**

Wear protective clothing as in Section 8.

Information regarding disposal see Section 13

### **7. HANDLING AND STORAGE**

#### **7.1 Precautions for safe handling**

Provide good ventilation. Keep away from heat, sparks and open flame. Take precautionary measures against static discharge. Pregnant women should not handle this product if there is any risk of exposure

#### **7.2 Conditions for safe storage, including any incompatibilities**

Keep containers tightly closed. Keep in original container. Keep away from heat, sparks and open flame.

Container and transfer equipment must be grounded to prevent sparks from static discharge.

#### **Storage Class**

Flammable liquid storage.

#### **7.3 Specific end use(s)**

The identified uses for this product are detailed in Section 1.2

### **8. EXPOSURE CONTROLS/ PERSONAL PROTECTION**

#### **8.1 Controll parameters**

##### **National occupational exposure limits, Sweden (AFS 2015:7)**

**Toluene:** NGV 192 mg/m<sup>3</sup> (50 ppm). KTV 384 mg/m<sup>3</sup> (100ppm).

**Zinc oxide- dust:** NGV 5mg/m<sup>3</sup>

DNEL

### **Toluene**

Industry	Dermal	Long term	384mg/kg/day
Industry	Inhalation	Long term	192 mg/m <sup>3</sup>

### **PNEC**

#### **Toluene**

Fresh water	0,68 mg/l
STP	13,61mg/l
Sediment	16,39 mg/kg
Soil	2,89 mg/kg

#### **Zinc oxide**

Fresh water	20,6 mg/l
Sea water	6,1 mg/l
STP	5,2 mg/l
Sediment	56,5 mg/kg (Sea water)

### **8.2 Exposure controls**

#### **Respiratory protection**

If ventilation is insufficient use respiratory equipment with gas filter type A2

#### **Hand protection**

Wear protective gloves. Gloves made of Viton, PVA or 4H are recommended

#### **Eye protection**

Wear safety goggles

#### **Protective clothing**

Wear antistatic protective clothing

#### **Appropriate engineering controls**

Ventilation must be effective. Occupational Exposure Limits must not be exceeded.

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance</b>	liquid
<b>Colour</b>	yellowish
<b>Odour</b>	solvent
<b>Boiling point/ boiling range</b>	110 °C
<b>Flash point</b>	4°C
<b>Explosive limits</b>	1,2 –8 vol%
<b>Relative density</b>	0,93 kg/m <sup>3</sup>

The product as such not examined.

## **10. STABILITY AND REACTIVITY**

### **10.1 Reactivity**

No specific reactivity hazards associated with this product.

### **10.2 Chemical stability**

Stable under normal temperature conditions and recommended use.

### **10.3 Possibility of hazardous reactions**

Vapours can form an explosive mixture with air

### **10.4 Conditions to avoid**

Avoid heat, flames and other sources of ignition.

### **10.5 Incompatible materials**

#### **Materials to avoid**

Strong oxidising substances

### **10.6 Hazardous decomposition products**

Oxides of carbon.

## 11. TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

#### **Other health effects**

Toxic to reproduction, category 2.

#### **Acute toxicity**

##### **Toluene**

LD50/oral/rat= 5580 mg/kg .

LD50 dermal/rat>5000mg/kg

ATE inhalation vapour,200 mg/l.

##### **Zinc oxide**

LD50/oral/rat>5000mg/kg.

LC50/inhalation/rat/4h >5,7mg/kg

##### **BPH**

LD50/oral/rat>10000mg/kg

#### **Inhalation**

Vapours have a narcotic effect and may cause headache, fatigue, dizziness and nausea. May cause chronic nerve-injury. Suspected of damaging fertility or the unborn child.

#### **Skin Contact**

Repeated exposure may cause skin dryness or cracking.

#### **Eye contact**

Irritating to eye

#### **Ingestion**

May cause gastrointestinal irritation, nausea, vomiting and diarrhoea. Ingestion of small amounts of liquid could cause pulmonary damage or water in the lungs.

#### **Target organs**

Liver, kidney and central nervous system

## 12. ECOLOGICAL INFORMATION

### **Ekotoxicitet**

The product components are classified as toxic to aquatic organisms and may cause long-term adverse effects in the aquatic environment.

#### 12.1 Toxicity

##### **Toluene**

Acute toxicity- Fish LC50 96h 5,5mg/l

Acute toxicity- Aquatic Invertebrates EC50 48h 3,78mg/l

Acute toxicity- Aquatic plants EC50 72h 10mg/l

Chronic toxicity- Aquatic Invertebrates NOEC<10mg/l

##### **Zinc oxide**

Acute toxicity- Fish LC50 72h 0,17mg/l Oncorhynchus mykiss

Acute toxicity- Aquatic Invertebrates EC50 48h 0,147mg/l Ceriodaphnia dubbla

##### **BPH**

Acute toxicity- Fish LC50 96h 50mg/l

#### 12.2 Persistence and degradability

The product as such is not examined.

#### 12.3 Bioaccumulative potential

No data available on bioaccumulation on product.

**Toluene:** BCF 90, Partition coefficient Log Pow 2.65

#### 12.4 Mobility in soil

The product contains VOC.

#### 12.5 Results of PBT- and vPvB-assessment

Not determined

#### 12.6 Other adverse effects

Not determined

## 13. DISPOSAL INFORMATION

### 13.1 Waste treatment methods

Contact the proper local authorities. Destruct according to authorities and valid legislation. Comprised by the ordinance of hazardous waste.

### **Special precautionary measures**

Do not puncture or incinerate even when empty.

## 14. TRANSPORT INFORMATION

### 14.1 UN-number

UN-Nr (ADR/RID/ADN)	1287
UN-Nr (IMDG)	1287
UN-Nr (ICAO)	1287

### 14.2 UN proper shipping name

ADR/RID/ADN	Rubber solution
IMDG	Rubber solution
ICAO/IATA	Rubber solution

### 14.3 Transport hazard class

ADR/RID/ADN	3
IMDG	3
ICAO/IATA	3

### 14.4 Packing group

ADR/RID/ADN	II
IMDG	II
ICAO/IATA	II

### 14.5 Environmental hazards

Environmentally hazardous substances/ Marine pollutant	No
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### 14.6 Special precautions for user

Hazard No. (ADR)	33
Tunnel restriction code (ADR)	(D/E)

### 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code

No information required.

## 15. REGULATORY INFORMATION

### 15.1 Safety, health and environmental regulations/ legislation specific for substances or mixture

Classification according to EC 1272/2008.

MSDS according to EC1907/2006

**Restrictions Annex XVII EC 1907:2006: Only for professional and industrial use.**

The product covered by the Seveso III Directive.

### 15.2 Chemical Safety Assessment

A Chemical Safety Assessment has not been carried out.

## 16. OTHER INFORMATION

### 16.1 Information regarding changes in MSDS

Changes in Section 3

### 16.2 Abbreviations and acronyms

DNEL= derived no-effect level

PNEC= predicted no-effect concentration

PBT = Persistence, bioaccumulative and toxic

vPvB = very persistence and very bioaccumulative

### 16.3 Sources for data

MSDS of substances.

### 16.4 Hazard statements

**Hazard statement**

- H225- Highly flammable liquid and vapour.
- H304- May be fatal if swallowed and enters airways
- H315- Causes skin irritation
- H319- Causes serious eye irritation
- H336- May cause drowsiness or dizziness.
- H361d- Suspected of damaging fertility or the unborn child
- H373- May cause damage to organs through prolonged or repeated exposure
- H400- Very toxic to aquatic life.
- H410- Very toxic to aquatic life with long lasting effects
- H412- Harmful to aquatic life with long lasting effects.
- H413- May cause long lasting harmful effects to aquatic life

**16.5 Complementary information**

This information is based on our present knowledg. The purpose of the information is that the product must be handled, stored and used safely. Data do not describe the product's properties.