

# SAFETY DATA SHEET

## CASCO KONTAKTLIM S9 SUPER



### 1. Identification of the substance/preparation and of the company/undertaking

<b>Product name</b>	: CASCO KONTAKTLIM S9 SUPER	<b>Supplier/Manufacturer</b>	: Akzo Nobel Deco International AB P.O. Box 11550 100 61 Stockholm Sweden Tel. +00468 7434000 Fax. +00468 6436370
<b>Product number</b>	: 3831	<b>Emergency telephone number</b>	: CALL 020-99 60 00 (Kemiakuten)
<b>Chemical description</b>	: Contact adhesive based on polychloroprene rubber.		
<b>Material Uses</b>	: Contact adhesive		

### 2. Composition / information on ingredients

Chemical name*	CAS no.	%	EC number	Classification
<b>Sweden</b>				
Acetone	67-64-1	25-50	200-662-2	F; R11, Xi; R36, R66, 67
Ethyl acetate	141-78-6	25-50	205-500-4	F; R11, Xi; R36, R66- 67
Naphtha (petroleum), hydrodesulfurized light, dearomatized, <0.1% benzene.	92045-53-9	10-25	295-434-2	F; R11, Xn; R65, Xi; R38, R67, N;R51/53
Polychloroprene	9010-98-4	10-25	---	---
rosin	8050-09-7	<1	232-475-7	R43
zinc oxide	1314-13-2	<0.1	215-222-5	N; R50/53

See section 16 for the full text of the R-phrases declared above

**Legend:** T=Toxic, Xn=Harmful, Xi=Irritating, F+=Extremely flammable, F=Highly flammable, N=Dangerous for the environment, C=Corrosive.

Occupational exposure limits, if available, are listed in section 8.

### 3. Hazards identification

The preparation is classified as dangerous according to Directive 1999/45/EC and its amendments.

<b>Classification</b>	: F; R11 Xi; R36/38 R67 R52/53
<b>Legend</b>	: R11- Highly flammable. R36/38- Irritating to eyes and skin. R67- Vapors may cause drowsiness and dizziness. R52/53- Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
<b>Effects and symptoms</b>	
<b>Inhalation</b>	: The product liberate solvent fumes during use. Inhalation of these might cause headaches, fatigue, nausea, dizziness, deteriorated reaction and at high contents unconsciousness. Prolonged inhalation of high concentrations ( see Occupational Exposure Limits ) may cause chronic effects.
<b>Ingestion</b>	: Harmful if swallowed. Ingestion may cause stomach pains, vomiting and the same symptoms as for inhalation if swallowed.
<b>Skin contact</b>	: Defatting to the skin. Skin inflammation is characterized by itching, scaling, reddening or, occasionally, blistering.
<b>Eye contact</b>	: Eye hazard. IRRITANT.
<b>Others</b>	: The Naphta contains less than 0.1% benzene and is therefore not classified as a carcinogen.

## 4. First aid measures

### First aid measures

- Inhalation** : If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
- Ingestion** : Do not induce vomiting. Get conscious person to drink several glasses of water or milk. Seek medical attention.
- Skin contact** : Wash skin with soap and water. Cover the irritated skin with an emollient.
- Eye contact** : In case of contact with eyes, rinse immediately with plenty of water. Check for and remove any contact lenses. Get medical attention.

## 5. Fire-fighting measures

### Extinguishing media

- Suitable** : SMALL FIRE: Use dry chemical powder.  
LARGE FIRE: Use water spray or fog. Cool containers with water jet in order to prevent pressure build-up, auto-ignition or explosion.

### Hazardous thermal decomposition products

- : Decomposition products may include the following materials: carbon oxides (CO, CO<sub>2</sub>). Vapors may form explosive mixtures with air.

## 6. Accidental release measures

### Personal precautions

- : Admissibly the danger of fire. Use only in well-ventilated areas. Depending on the size of the waste; Wear suitable protective clothing. Comprehensive clothes. Full-face mask, organic vapor filter (Type AX) or half-face mask, organic vapor filter (Type AX) and tightly-fitting goggles. Wear suitable gloves, butyl rubber, 4H gloves ( with a penetration time > 4 hours) or other recommended gloves from the supplier.

### Environmental precautions and clean-up methods

- : Keep away from heat. Keep away from sources of ignition. Stop leak if without risk. Absorb with dry earth, sand or other non-combustible material. Prevent entry into sewers, basements or confined areas. Dike if necessary.

**Note:** see section 8 for personal protective equipment and section 13 for waste disposal.

## 7. Handling and storage

### Handling

- : Keep away from heat. Keep away from sources of ignition. Take precautionary measures against static discharges. Do not breathe vapor. Avoid contact with skin and eyes.

### Storage

- : Keep container tightly closed and in a well-ventilated place. Storage of large amounts, might require special facilities and permit.

## 8. Exposure controls/personal protection

### Engineering measures

- : Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective occupational exposure limits.

### Hygiene measures

- : After handling, always wash hands thoroughly with soap and water.

### Occupational exposure limits

#### Ingredient

acetone

#### Occupational exposure limits

##### **AFS (Sweden, 6/2005).**

KTV: 1200 mg/m<sup>3</sup> 15 minutes. Form: All forms

KTV: 500 ppm 15 minutes. Form: All forms

NGV: 600 mg/m<sup>3</sup> 8 hours. Form: All forms

NGV: 250 ppm 8 hours. Form: All forms

ethyl acetate

##### **AFS (Sweden, 6/2005).**

KTV: 1100 mg/m<sup>3</sup> 15 minutes. Form: All forms

KTV: 300 ppm 15 minutes. Form: All forms

NGV: 500 mg/m<sup>3</sup> 8 hours. Form: All forms

NGV: 150 ppm 8 hours. Form: All forms

Naphtha (petroleum), hydrodesulfurized light, dearomatized, <0.1% benzene.

##### **AFS (Sweden, 2000).**

NGV: 1640 mg/m<sup>3</sup> 8 hours.

KTV: 2050 mg/m<sup>3</sup> 15 minutes.

zinc oxide

##### **AFS (Sweden, 6/2005).**

NGV: 5 mg/m<sup>3</sup> 8 hours. Form: Total Fraction

### Personal protective equipment

#### General

- : Depending on handled quantities and working conditions, use the following recommended protective equipment.

#### Respiratory system

- : Wear appropriate respirator when ventilation is inadequate. Full-face mask, organic vapor filter (Type AX).

#### Skin and body

- : Comprehensive clothes

- Hands** : Butyl rubber gloves, 4H gloves ( with a penetration time > 4 hours) or other recommended gloves from the supplier.
- Eyes** : Tightly-fitting goggles

## 9. Physical and chemical properties

- Physical state** : Liquid. (Viscous liquid.)
- Color** : Beige.
- Flash point** : Closed cup: -15°C (5°F).
- Density** : 890 kg/m<sup>3</sup>
- Solubility** : Easily soluble in the following materials: methanol, diethyl ether, n-octanol, acetone.  
Insoluble in the following materials: cold water, hot water.

## 10. Stability and reactivity

- Stability** : The product is stable.
- Conditions to avoid** : The fumes could form explosive compounds with air. Take precautionary measures against static discharges.
- Hazardous thermal decomposition products** : Decomposition products may include the following materials: carbon oxides (CO, CO<sub>2</sub>). Vapors may form explosive mixtures with air.

## 11. Toxicological information

- Skin irritation** : Defatting to the skin. Skin inflammation is characterized by itching, scaling, reddening or, occasionally, blistering.
- Eye irritation** : Eye hazard. IRRITANT.
- Inhalation** : The product liberate solvent fumes during use.  
Inhalation of these might cause headaches, fatigue, nausea, dizziness, deteriorated reaction and at high contents unconsciousness. Prolonged inhalation of high concentrations ( see Occupational Exposure Limits ) may cause chronic effects.
- Ingestion** : Harmful if swallowed. Ingestion may cause stomach pains, vomiting and the same symptoms as for inhalation if swallowed.
- Other** : There is no data available on the preparation itself. The preparation has been assessed following the conventional method of the Dangerous Preparations Directive 1999/45/EC and classified for toxicological hazards accordingly.

## 12. Ecological information



- Ecotoxicity** : Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

## 13. Disposal considerations

- Remains and non-cured product** : Non cured product is Hazardous waste and should be left to destruction according to local regulations.
- Cured product** : Cured product is not dangerous waste, and can be disposed as other waste. Handle the waste according to local regulations.
- European waste catalogue (EWC)** : Pose as dangerous waste (H3-A) due to the classification: Highly flammable.08 04 09\* waste adhesives and sealants containing organic solvents or other dangerous substances
- Packaging** : Packages with remains is handled according to above. Empty packages can be left for recycling. For Sweden: Akzo Nobel Deco International AB are connected to the REPA-system (org.nr. 556026-1876). Please contact local authority for information advise on waste.

## 14. Transport information

### International transport regulations

Regulatory information	UN number	Proper shipping name	Class	Packing group	Label	Additional information
ADR/RID Class	1133	ADHESIVES, contains a flammable liquid. (acetone)	3	II		<b>Limited quantity</b> LQ6
IMDG Class	1133	ADHESIVES, contains a flammable liquid. (acetone)	3	II		<b>Emergency schedules (EmS)</b> F-E, S-D

**CASCO KONTAKTLIM S9 SUPER**

<b>IATA-DGR Class</b>	1133	ADHESIVES, contains a flammable liquid. (acetone)	3	II		-
-----------------------	------	---	---	----	--	---

**15. Regulatory information**

**Additional warning phrases** : Contains colophony. May produce an allergic reaction.

**Tactile warning of danger** : Yes, applicable.

**National regulations****Sweden**

**Hazard symbol or symbols** :



Highly flammable, Irritant

**Risk phrases**

: R11- Highly flammable.  
R36/38- Irritating to eyes and skin.  
R67- Vapors may cause drowsiness and dizziness.  
R52/53- Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**Safety phrases**

: S2- Keep out of the reach of children.  
S16- Keep away from sources of ignition - No smoking.  
S46- If swallowed, seek medical advice immediately and show this container or label.  
S51- Use only in well-ventilated areas.  
S56- Dispose of this material and its container at hazardous or special waste collection point.

**16. Other information**

**Full text of R-Phrases with no. appearing in Section 2 and 3 - Sweden**

R11- Highly flammable.  
R65- Harmful: may cause lung damage if swallowed.  
R36- Irritating to eyes.  
R38- Irritating to skin.  
R43- May cause sensitization by skin contact.  
R66- Repeated exposure may cause skin dryness or cracking.  
R67- Vapors may cause drowsiness and dizziness.  
R50/53- Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
R51/53- Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
R52/53- Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**Text of classifications appearing in Section 2 and 3 - Sweden**

: F - Highly flammable  
Xn - Harmful  
Xi - Irritant  
N - Dangerous for the environment.

**History**

**Date of printing** : 20 April 2007  
**Date of issue** : 20 April 2007  
**Date of previous issue** : 12 September 2006  
**Version** : 4  
**Prepared by** : Karlsson Kristina

**Notice to reader**

*To the best of our knowledge, the information contained herein is accurate.*

*Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.*

**Version** 4

**Page:** 4/5

**Date of issue** : 20 April 2007

**Page:** 4/5

