

**Soudal Sealant Remover Aerosol****1. Identification of the substance/preparation and of the company/undertaking**

- 1.1 Identification of the substance or preparation:**  
Productname : Soudal Sealant Remover Aerosol
- 1.2 Use of the substance/preparation:**  
Cleansing product
- 1.3 Company/undertaking identification:**  
SODAL N.V.  
Everdongenlaan 18-20  
B-2300 Turnhout  
Tel: +32 14 42 42 31  
Fax: +32 14 44 39 71  
e-mail address: msds@soudal.com
- 1.4 Emergency telephone:**  
+32 14 58 45 45 (24/24 h)  
Brandweerinformatiecentrum voor Gevaarlijke Stoffen (BIG)  
Technische Schoolstraat 43 A, B-2440 Geel, Belgium

**2. Hazards identification**

- Extremely flammable
- Repeated exposure may cause skin dryness or cracking
- Aerosol may explode under the effect of heat

**3. Composition/information on ingredients**

Hazardous ingredients	CAS No. EINECS/ELINCS No.	Conc. (%)	Hazards (R-phrases)	Hazard symbol
alcohols, C9-11, ethoxylated	68439-46-3 -	1 - <5	41 (1)	Xi
petroleum gas (conc 1,3-butadiene <0.1%)	68476-85-7 270-704-2	>25	12 (1) (Labelling in compliance with CONCAWE)	F+
orange, sweet, extract	8028-48-6 232-433-8	>60	10-65 (1)	Xn

(1) For R-phrases in full: see heading 16  
(2) Substance with a Community workplace exposure limit  
(3) PBT-substance

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Reason for revision : See 15

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## 4. First aid measures

- 4.1 After inhalation:**
- Remove the victim into fresh air
  - Respiratory difficulties: consult a doctor/medical service
- 4.2 Skin contact:**
- Rinse immediately with plenty of water
  - Take victim to a doctor if irritation persists
- 4.3 Eye contact:**
- Rinse with water
  - Do not apply neutralizing agents
  - Take victim to an ophthalmologist if irritation persists
- 4.4 After ingestion:**
- Rinse mouth with water
  - If you feel unwell: consult a doctor/medical service

## 5. Fire-fighting measures

- 5.1 Suitable extinguishing media:**
- Polyvalent foam
  - BC powder
  - Carbon dioxide
- 5.2 Unsuitable extinguishing media:**
- Solid water jet ineffective as extinguishing medium
- 5.3 Special exposure hazards:**
- Gas/vapour spreads at floor level: ignition hazard
  - Gas/vapour flammable with air within explosion limits
  - On burning: release of toxic and corrosive gases/vapours: nitrous vapours, carbon monoxide and carbon dioxide
- 5.4 Instructions:**
- Cool closed containers with water if they are exposed to the fire
  - Dilute toxic gases with water spray
  - Take account of environmentally hazardous fire-fighting water
- 5.5 Special protective equipment for firefighters:**
- Heat/fire exposure: compressed air/oxygen apparatus
  - Protective clothing

## 6. Accidental release measures

- 6.1 Personal precautions:**
- See heading 8.2
- 6.2 Environmental precautions:**
- Use appropriate container to avoid environmental contamination
  - Dam up the liquid spill
  - See heading 13
- 6.3 Methods for cleaning up:**
- Liquid spill: take up in(to) non-combustible absorbent material e.g.: sand, earth, vermiculite
  - Shovel absorbed substance in closing drums
  - Carefully collect the spill/leftovers
  - Clean contaminated surfaces with a soap solution
  - Take collected spill to manufacturer/competent authority
  - Wash clothing and equipment after handling

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## 7. Handling and storage

### 7.1 Handling:

- Observe normal hygiene standards
- Use spark-/explosionproof appliances and lighting system
- Use only in well-ventilated areas

### 7.2 Storage:

- Keep out of direct sunlight
- Store in a cool area
- Ventilation at floor level
- Fireproof storeroom
  
- Keep away from: heat sources, ignition sources, oxidizing agents, acids, peroxides

Storage temperature	: < 50	°C
Quantity limit	: N.D.	kg
Storage life	: 365	days
Materials for packaging	:	
- suitable	: aerosol dispenser	

### 7.3 Specific use(s):

- See information supplied by the manufacturer for the identified use(s)

## 8. Exposure controls/Personal protection

### 8.1 Exposure limit values:

#### 8.1.1 Occupational exposure:

TLV-TWA	: not listed
TLV-STEL	: not listed
TLV-Ceiling	: not listed
WEL-LTEL	: not listed
WEL-STEL	: not listed
TRGS 900	: not listed
MAK	: not listed
GWBNI 8 h	: not listed
GWKNI 15 min.	: not listed
Ceiling	: not listed
VME-8 h	: not listed
VLE-15 min.	: not listed
GWBB-8 h	: not listed
GWK-15 min.	: not listed
Momentary value	: not listed
EC	: not listed
EC-STEL	: not listed

#### 8.1.2 Sampling methods:

- No data available

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## 8.2 Exposure controls:

### 8.2.1 Occupational exposure controls:

- Measure the concentration in the air regularly

#### Personal protective equipment:

##### a) Respiratory protection:

- In case of insufficient ventilation: wear respiratory equipment

##### b) Hand protection:

- Gloves  
suitable materials: GIVE GOOD RESISTANCE:  
Nitrile rubber

##### c) Eye protection:

- Safety glasses

##### d) Skin protection:

- Protective clothing  
suitable materials: GIVE GOOD RESISTANCE:  
Nitrile rubber

### 8.2.2 Environmental exposure controls: see heading 6.2, 6.3 and 13

## 9. Physical and chemical properties

### 9.1 General information:

Appearance (at 20°C)	: Aerosol
Odour	: Characteristic
Colour	: Colourless

### 9.2 Important health, safety and environmental information:

pH value (at 20°C)	: N.D.
Boiling point/boiling range	: 167 - 187 °C
Flashpoint/flammability	: Contains extremely flammable components
Explosion limits (explosive properties)	: N.D. vol%
Oxidising properties	: N.D.
Vapour pressure (at 20°C)	: N.D. hPa
Vapour pressure (at 50°C)	: N.D. hPa
Relative density (at 20°C)	: 0.85
Water solubility	: Miscible with water
Soluble in	: No data available
Relative vapour density	: > 4.5
Viscosity (at °C)	: 0.00175 Pa.s
Partition coefficient n-octanol/water	: N.D.
Evaporation rate	
ratio to butyl acetate	: N.D.
ratio to ether	: N.D.

### 9.3 Other information:

Melting point/melting range	: N.D. °C
Auto-ignition point	: N.D. °C
Saturation concentration	: N.D. g/m <sup>3</sup>
Specific conductivity	: N.D. pS/m

## 10. Stability and reactivity

### 10.1 Conditions to avoid:

- Stable under normal conditions

### 10.2 Materials to avoid:

- Keep away from: heat sources, ignition sources, oxidizing agents, acids, peroxides

### 10.3 Hazardous decomposition products:

- On burning: release of toxic and corrosive gases/vapours: nitrous vapours, carbon monoxide and carbon dioxide

## 11. Toxicological information

### 11.1 Acute toxicity:

LD50 oral rat	: N.D.	mg/kg
LD50 dermal rabbit	: N.D.	mg/kg
LD50 dermal rabbit	: N.D.	mg/kg
LC50 inhalation rat	: N.D.	mg/l/4 h
LC50 inhalation rat	: N.D.	ppm/4 h

### 11.2 Chronic toxicity:

EC carc. cat.	: not listed
EC muta. cat.	: not listed
EC repr. cat.	: not listed
Carcinogenicity (TLV)	: not listed
Carcinogenicity (MAC)	: not listed
Carcinogenicity (VME)	: not listed
Carcinogenicity (GWBB)	: not listed
Carcinogenicity (MAK)	: not listed
Mutagenicity (MAK)	: not listed
Teratogenicity (MAK)	: not listed
IARC classification	: not listed

11.3 Routes of exposure: inhalation, eyes and skin

### 11.4 Acute effects/symptoms:

#### AFTER INHALATION:

##### ON HEATING:

- Irritation of the respiratory tract

#### AFTER INGESTION:

- Risk of aspiration pneumonia

#### AFTER SKIN CONTACT:

- Slight irritation

#### ON CONTINUOUS EXPOSURE/CONTACT:

- Dry skin
- Cracking of the skin

#### AFTER EYE CONTACT:

- Slight irritation

### 11.5 Chronic effects:

- Not listed in carcinogenicity class (IARC,EC,TLV,MAK)
- Not listed in mutagenicity class (EC,MAK)
- Not classified as toxic to reproduction (EC)

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## 12. Ecological information

### 12.1 Ecotoxicity:

- No data available
- **Effect on waste water purification** : No data available

### 12.2 Mobility:

- **Volatile organic compounds (VOC):** 93%
- Miscible with water

For other physicochemical properties see heading 9

### 12.3 Persistence and degradability:

- **Biodegradation BOD<sub>5</sub>** : N.D. % ThOD
- **Water** : Not readily biodegradable in water
- **Soil** : T ½ N.D. days

### 12.4 Bioaccumulative potential:

- **log P<sub>ow</sub>** : N.D.
- **BCF** : N.D.
- Not bioaccumulative

### 12.5 Results of PBT assessment:

- Not applicable, on the basis of the available data.

### 12.6 Other adverse effects:

- **WGK** : 2 (Classification based on the components in compliance with Verwaltungsvorschrift wassergefährdender Stoffe (VwVwS) of 17 May 1999)
- **Effect on the ozone layer** : Not dangerous for the ozone layer (1999/45/EC)
- **Greenhouse effect** : No data available

## 13. Disposal considerations

### 13.1 Provisions relating to waste:

- Waste material code (91/689/EEC, Council Decision 2001/118/EC, O.J. L47 of 16/2/2001): 16 05 04\* (gases in pressure containers (including halons) containing dangerous substances)
- LWCA (the Netherlands): KGA category 06
- Hazardous waste (91/689/EEC)
- Remove waste in accordance with local and/or national regulations

### 13.2 Disposal methods:

- Recycle/reuse
- Specific treatment
- Do not discharge into drains or the environment

### 13.3 Packaging:

- Waste material code packaging (91/689/EEC, Council Decision 2001/118/EC, O.J. L47 of 16/2/2001): 15 01 10\* (packaging containing residues of or contaminated by dangerous substances)

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## 14. Transport information

### 14.1 Classification of the substance in compliance with UN Recommendations

UN number : 1950  
CLASS : 2.1  
SUB RISKS : -  
PACKING GROUP : -

### 14.2 ADR (transport by road)

CLASS : 2  
PACKING GROUP :  
CLASSIFICATION CODE : 5F  
DANGER LABEL TANKS : -  
DANGER LABEL PACKAGES : 2.1  
TUNNEL RESTRICTION CODE : (D)  
PROPER SHIPPING NAME :  
Aerosols

### 14.3 RID (transport by rail)

CLASS : 2  
PACKING GROUP :  
CLASSIFICATION CODE : 5F  
DANGER LABEL TANKS : -  
DANGER LABEL PACKAGES : 2.1  
PROPER SHIPPING NAME :  
Aerosols

### 14.4 ADNR (transport by inland waterways)

CLASS : 2  
PACKING GROUP :  
CLASSIFICATION CODE : 5F  
DANGER LABEL TANKS : -  
DANGER LABEL PACKAGES : 2.1

### 14.5 IMDG (maritime transport)

CLASS : 2.1  
SUB RISKS : -  
PACKING GROUP : -  
MFIAG :  
EMS : F-D, S-U  
MARINE POLLUTANT : -

### 14.6 ICAO (air freight)

CLASS : 2.1  
SUB RISKS : -  
PACKING GROUP : -  
PACKING INSTRUCTIONS PASSENGER AIRCRAFT : 203/Y203  
PACKING INSTRUCTIONS CARGO AIRCRAFT : 203

### 14.7 Special precautions

: None

### 14.8 Limited quantities (LQ)

:

When substances and their packaging meet the conditions established by ADR/RID/ADNR in chapter 3.4, only the following prescriptions shall be complied with:

each package shall display a diamond-shaped figure with the following inscription:

- 'UN 1950'

or, in the case of different goods with different identification numbers within a single package:

- the letters 'LQ'

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## 15. Regulatory information

### 15.1 EU Legislation:

On grounds of experience and test data, the classification for this preparation is more stringent than the one imposed by the criteria of the conventional method referred to in Directive 1999/45/CE



Extremely flammable

R66 : Repeated exposure may cause skin dryness or cracking

S16 : Keep away from sources of ignition - No smoking  
S23 : Do not breathe spray  
S26 : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice  
S37 : Wear suitable gloves  
S51 : Use only in well-ventilated areas

Keep away from sources of ignition - No smoking.  
Keep out of the reach of children.  
Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C.  
Do not pierce or burn after use.  
Do not spray on a naked flame or any incandescent material.

### 15.2 National provisions:

#### the Netherlands:

Waterbezwaarlijkheid: 11

#### Germany:

WGK : 2 (Classification based on the components in compliance with Verwaltungsvorschrift wassergefährdender Stoffe (VwVwS) of 17 May 1999)



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## 16. Other information

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

**N.A.** = NOT APPLICABLE  
**N.D.** = NOT DETERMINED  
**(\*)** = INTERNAL CLASSIFICATION (NFPA)

**PBT-substances** = persistent, bioaccumulative and toxic substances

### Exposure limits:

**TLV** : Threshold Limit Value - ACGIH US  
**WEL** : Workplace Exposure Limits - United Kingdom  
**TRGS 900** : Technische Regel für Gefahrstoffe 900 (Arbeitsplatzgrenzwerte) - Germany  
**MAK** : Maximale Arbeitsplatzkonzentrationen - Germany  
**GWBNL** : Grenswaarde voor blootstelling - the Netherlands  
**GWKNL** : Grenswaarde korte duur - the Netherlands  
**VME** : Valeurs limites de Moyenne d'Exposition - France  
**VLE** : Valeurs limites d'Exposition à court terme - France  
**GWBB** : Grenswaarde beroepsmatige blootstelling - Belgium  
**GWK** : Grenswaarde kortstondige blootstelling - Belgium  
**EC** : Indicative occupational exposure limit values

**I** : Inhalable fraction = **T** : Total dust = **E** : Einatembarer Aerosolanteil  
**R** : Respirable fraction = **A** : Alveolengängiger Aerosolanteil/Alveolar dust  
**C** : Ceiling limit

<b>a:</b>	aerosol	<b>r:</b>	rook/Rauch	(fume)
<b>d:</b>	damp (vapour)	<b>st:</b>	stof/Staub	(dust)
<b>du:</b>	dust	<b>ve:</b>	vezel	(fibre)
<b>fa:</b>	Faser (fibre)	<b>va:</b>	vapour	
<b>fi:</b>	fibre	<b>om:</b>	oil mist	
<b>fu:</b>	fume	<b>on:</b>	olienevel/Ölnebel	(oil mist)
<b>p:</b>	poussière (dust)	<b>part:</b>	particles	

### Chronic toxicity:

**K** : List of the carcinogenic substances and processes - The Netherlands

### Full text of any R-phrases referred to under headings 2 and 3:

R10 : Flammable  
R12 : Extremely flammable  
R41 : Risk of serious damage to eyes  
R65 : Harmful: may cause lung damage if swallowed  
R66 : Repeated exposure may cause skin dryness or cracking