



SAFETY DATA SHEET

THERMOLACKSPRAY

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Compilation date: 12.03.2013

Revision date: 16.02.15

Revision No: 1.3

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name: THERMOLACKSPRAY

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

1.3. Details of the supplier of the safety data sheet

Company name: Prosol Spraytechnik GmbH

Lindigstr. 8

63801 Kleinostheim

Deutschland

Tel: 06027-4610-0

Fax: 06027-4610-46

Email: info@prosol-spraytechnik.de

1.4. Emergency telephone number

Emergency tel: 060274610-0

(office hours only)

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CHIP: F+: R12; Xn: R20/21; Xi: R36/38; -: R66

Classification under CLP: Skin Irrit. 2: H315; Eye Irrit. 2: H319; Flam. Aerosol 1: H222; STOT SE 3: H336; -: H229; -: EUH066

Most important adverse effects: Extremely flammable. Harmful by inhalation and in contact with skin. Irritating to eyes and skin. Repeated exposure may cause skin dryness or cracking.

2.2. Label elements

Label elements under CLP:

Hazard statements: H222: Extremely flammable aerosol.

H229: Pressurised container: May burst if heated

H315: Causes skin irritation.

H319: Causes serious eye irritation.

H336: May cause drowsiness or dizziness.

EUH066: Repeated exposure may cause skin dryness or cracking.

Signal words: Danger

Hazard pictograms: GHS02: Flame

GHS07: Exclamation mark

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Precautionary statements: P102: Keep out of reach of children.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P210: Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P211: Do not spray on an open flame or other ignition source.
P251: Pressurized container: Do not pierce or burn, even after use.
P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P312: Call a POISON CENTER or doctor if you feel unwell.
P410+412: Protect from sunlight. Do not expose to temperatures exceeding 50 °C.

Label elements under CHIP:

Hazard symbols: Extremely flammable.
Harmful.



Risk phrases: R12: Extremely flammable.
R20/21: Harmful by inhalation and in contact with skin.
R36/38: Irritating to eyes and skin.
R66: Repeated exposure may cause skin dryness or cracking.

Safety phrases: S36/37: Wear suitable protective clothing and gloves.
S38: In case of insufficient ventilation, wear suitable respiratory equipment.

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

2.3. Other hazards

Other hazards: In use, may form flammable / explosive vapour-air mixture.

PBT: This product is not identified as a PBT substance.

Section 3: Composition/information on ingredients

3.2. Mixtures

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Hazardous ingredients:

ACETONE

EINECS	CAS	CHIP Classification	CLP Classification	Percent
200-662-2	67-64-1	F: R11; Xi: R36; -: R66; -: R67	Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3: H336; -: EUH066	20-35%

DIMETHYL ETHER

204-065-8	115-10-6	F+: R12 Substance with a Community workplace exposure limit.	Flam. Gas 1: H220; Press. Gas: H280	20-35%
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XYLENE

215-535-7	1330-20-7	-, R10; Xn: R20/21; Xi: R38	Flam. Liq. 3: H226; Acute Tox. 4: H332; Acute Tox. 4: H312; Skin Irrit. 2: H315	20-35%
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ETHYLBENZENE

202-849-4	100-41-4	F: R11; Xn: R20	Flam. Liq. 2: H225; Acute Tox. 4: H332	5-10%
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Contains: Xylol

Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Wash immediately with plenty of soap and water.

Eye contact: Bathe the eye with running water for 15 minutes.

Ingestion: Wash out mouth with water. Do not induce vomiting. Consult a doctor.

Inhalation: Remove victim from exposure to fresh air. Consult a doctor.

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

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be irritation of the throat.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

4.3. Indication of any immediate medical attention and special treatment needed

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Use water spray to cool containers. Carbon dioxide. Alcohol resistant foam. Dry chemical powder. Water fog.

5.2. Special hazards arising from the substance or mixture

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

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Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Eliminate all sources of ignition.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Do not use equipment in clean-up procedure which may produce sparks.

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS. Refer to section 13 of SDS.

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area.
Do not handle in a confined space. Avoid the formation or spread of mists in the air.
Smoking is forbidden.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in cool, well ventilated area. Keep container tightly closed. The floor of the storage room must be impermeable to prevent the escape of liquids.

Suitable packaging: Must only be kept in original packaging.

7.3. Specific end use(s)

Section 8: Exposure controls/personal protection

8.1. Control parameters

Hazardous ingredients:

ACETONE

Workplace exposure limits:

Respirable dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	1210 mg/m ³	3620 mg/m ³	-	-

DIMETHYL ETHER

UK	766 mg/m ³	958 mg/m ³	-	-
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XYLENE

UK	220 mg/m ³	441 mg/m ³	-	-
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ETHYLBENZENE

UK	441 mg/m ³	552 mg/m ³	-	-
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8.1. DNEL/PNEC Values

Hazardous ingredients:

ACETONE

Type	Exposure	Value	Population	Effect
DNEL	Oral	62 mg/kg bw/day	Population	Systemic
DNEL	Dermal	62 mg/kg bw/day	Population	Systemic
DNEL	Dermal	186 mg/kg bw/day	Workers	Systemic
DNEL	Inhalation	200 mg/m ³	Population	Systemic
DNEL	Inhalation	2420 mg/m ³	Workers	Local
DNEL	Inhalation	1210 mg/m ³	Workers	Systemic

8.2. Exposure controls

Engineering measures: The floor of the storage room must be impermeable to prevent the escape of liquids.

Respiratory protection: Self-contained breathing apparatus must be available in case of emergency.

Hand protection: Protective gloves. The glove material has to be impermeable and resistant to the product/the substance/the preparation. Selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material cannot be calculated in advance and has therefore to be checked prior to the application.

Eye protection: Tightly fitting safety goggles.

Skin protection: Impermeable protective clothing.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Aerosol

Colour: Black

Odour: Characteristic odour

Evaporation rate: Fast

Solubility in water: Not miscible

Also soluble in: Most organic solvents.

Flammability limits %: lower: 1,5

upper: 9,5

Flash point°C: -21

Autoflammability°C: >490

Vapour pressure: 3-4 bar

Relative density: 0,79 g/ml

VOC g/l: max. 840

[cont...]

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9.2. Other information

Other information: 2004/42/EG/IIB(e) (VOC max840 g/l)<840

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.

10.4. Conditions to avoid

Conditions to avoid: Heat. Hot surfaces. Sources of ignition. Flames.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes.

Section 11: Toxicological information

11.1. Information on toxicological effects

Hazardous ingredients:

ACETONE

IVN	RAT	LD50	5500	mg/kg
ORL	MUS	LD50	3000	mg/kg
ORL	RAT	LD50	5800	mg/kg

XYLENE

ORL	MUS	LD50	2119	mg/kg
ORL	RAT	LD50	4300	mg/kg
SCU	RAT	LD50	1700	mg/kg

ETHYLBENZENE

IPR	MUS	LD50	2624	µl/kg
ORL	RAT	LD50	3500	mg/kg

Toxicity values: No data available.

Symptoms / routes of exposure

Skin contact: There may be mild irritation at the site of contact.

[cont...]

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Eye contact: There may be irritation and redness.

Ingestion: There may be irritation of the throat.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values: No data available.

12.2. Persistence and degradability

Persistence and degradability: No data available.

12.3. Bioaccumulative potential

Bioaccumulative potential: No data available.

12.4. Mobility in soil

Mobility: No data available.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT substance.

12.6. Other adverse effects

Other adverse effects: No data available.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: According local law.

Recovery operations: No further relevant informations available.

Waste code number: 160504

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

14.1. UN number

UN number: UN1950

14.2. UN proper shipping name

Shipping name: AEROSOLS

14.3. Transport hazard class(es)

Transport class: 2 (5F)

14.4. Packing group

Packing group: nicht verfügbar

[cont...]

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14.5. Environmental hazards

Environmentally hazardous: No

Marine pollutant: No

14.6. Special precautions for user

Tunnel code: D

Transport category: 2

Section 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.2. Chemical Safety Assessment

Section 16: Other information

Other information

Other information: Add-On to point 14

transport of limited quantities according to 3.4 ADR LQ2 is possible

This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

Phrases used in s.2 and 3: EUH066: Repeated exposure may cause skin dryness or cracking.

H220: Extremely flammable gas.

H222: Extremely flammable aerosol.

H225: Highly flammable liquid and vapour.

H226: Flammable liquid and vapour.

H229: Pressurised container: May burst if heated

H312: Harmful in contact with skin.

H315: Causes skin irritation.

H319: Causes serious eye irritation.

H332: Harmful if inhaled.

H336: May cause drowsiness or dizziness.

R10: Flammable.

R11: Highly flammable.

R12: Extremely flammable.

R20/21: Harmful by inhalation and in contact with skin.

R20: Harmful by inhalation.

R36/38: Irritating to eyes and skin.

R36: Irritating to eyes.

R38: Irritating to skin.

R66: Repeated exposure may cause skin dryness or cracking.

R67: Vapours may cause drowsiness and dizziness.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive

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and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.