

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

1.1. Product identifier

Product name: SPRAY ADHESIVE

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

Use of substance / mixture: PC1: Adhesives, sealants.

1.3. Details of the supplier of the safety data sheet

Company name: LKQ Coatings
Newberry House, Michigan Drive
Tongwell, Milton Keynes
MK15 8HQ

Tel: 01908 611117

Email: optimaproducts@lkqcoatings.com

1.4. Emergency telephone number

Emergency tel: 01908 611117

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: Skin Irrit. 2: H315; STOT SE 3: H336; Aquatic Chronic 2: H411; Flam. Aerosol 1: H222;
Asp. Tox. 1: H304; -: H229

Most important adverse effects: Extremely flammable aerosol. Pressurised container: May burst if heated. Causes skin irritation. Toxic to aquatic life with long lasting effects. May cause drowsiness or dizziness.

2.2. Label elements

Label elements:

Hazard statements: H222: Extremely flammable aerosol.
H229: Pressurised container: May burst if heated
H315: Causes skin irritation.
H411: Toxic to aquatic life with long lasting effects.
H336: May cause drowsiness or dizziness.

Hazard pictograms: GHS02: Flame
GHS07: Exclamation mark
GHS09: Environmental



Signal words: Danger

- Precautionary statements:**
- P101: If medical advice is needed, have product container or label at hand.
 - P102: Keep out of reach of children.
 - P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
 - P211: Do not spray on an open flame or other ignition source.
 - P251: Do not pierce or burn, even after use.
 - P261: Avoid breathing dust/fumes/gas/mist/vapours/spray.
 - P271: Use only outdoors or in a well-ventilated area.
 - P280: Wear protective gloves/protective clothing/eye protection/face protection.
 - P312: Call a POISON CENTER/doctor if you feel unwell.
 - P391: Collect spillage.
 - P410+412: Protect from sunlight. Do not expose to temperatures exceeding 50 °C.
 - P501: Dispose of contents/container to an approved waste disposal according to local/regional/national/international regulations.

2.3. Other hazards

Other hazards: Without sufficient ventilation, the formation of an explosive mixture is possible.

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

Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

DIMETHYL ETHER

EINECS	CAS	PBT / WEL	CLP Classification	Percent
204-065-8	115-10-6	Substance with a Community workplace exposure limit.	Flam. Gas 1: H220; Press. Gas: H280	30-50%

HYDROCARBONS, C7, N-ALKANES, ISOALKANES, CYCLICS

927-510-4	-	-	Flam. Liq. 2: H225; Asp. Tox. 1: H304; Aquatic Chronic 2: H411; Skin Irrit. 2: H315; STOT SE 3: H336	10-30%
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LOW BOILING POINT HYDROGEN TREATED NAPHTHA - NAPHTHA (PETROLEUM), HYDROTREATED LIGHT

265-151-9	64742-49-0	-	Asp. Tox. 1: H304; Flam. Liq. 1: H224; Skin Irrit. 2: H315; Aquatic Chronic 2: H411	10-30%
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Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Wash immediately with plenty of soap and water. Remove all contaminated clothes and footwear immediately unless stuck to skin.

Eye contact: Ensure adequate flushing of eyes by separating eyelids with the fingers. If irritation persists, consult a doctor.

Ingestion: Do not induce vomiting. Call a doctor immediately.

Inhalation: Provide fresh air. In case of complaints consult doctor. Move victim to fresh air and position comfortably.

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

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

Eye contact: There may be irritation and redness. The eyes may water profusely.

Ingestion: There may be soreness and redness of the mouth and throat.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing. May be fatal if swallowed and enters airways.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure. Most important symptoms and effects, both acute and delayed: Dyspnoea, Headache, Inebriation, Dizziness, Cough, Nausea.

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

Immediate / special treatment: Eye bathing equipment should be available on the premises.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Dry chemical powder. Carbon dioxide. Foam. Do not use water jet.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes. Can form explosive gas-air mixture. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

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. Cool off the tanks / barrels by spraying with water or putting them in safety. The fire remains and the contaminated fire extinguishing water must be stored in accordance with government regulations.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. Eliminate all sources of ignition. Ensure adequate ventilation. Wear protective equipment.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding. Notify authorities if product enters sewers or public waters. Do not allow to enter sewers/surface or ground water.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Clean up with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Ensure adequate ventilation.

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. Keep ignition sources away. Smoking is forbidden. Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50 °C i.e. electric lights. Do not pierce or burn, even after use.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed. Protect from direct sunlight.

7.3. Specific end use(s)

Specific end use(s): No data available.

Section 8: Exposure controls/personal protection

8.1. Control parameters

Hazardous ingredients:

DIMETHYL ETHER

Workplace exposure limits:

Respirable dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	766 mg/m ³	958 mg/m ³	-	-

DNEL/PNEC Values

DNEL / PNEC No data available.

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area. Keep away from foodstuffs, beverages and feed. Wash hands before breaks and at end of work. Avoid contact with the eyes and skin. Immediately remove all soiled and contaminated clothing. Do not inhale gases / fumes / aerosols.

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

Hand protection: Protective gloves. Nitrile gloves. Recommended thickness: >0,45 mm. Permeation: >240 min.

Eye protection: Safety glasses. Tightly fitting safety goggles. Ensure eye bath is to hand.

Skin protection: Protective clothing.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Aerosol

Colour: Whitish.

Odour: Gasoline-like.

Solubility in water: Not / slightly miscible.

Boiling point/range°C: <0

Melting point/range°C: No data available.

Flash point°C: Not applicable.

VOC g/l: <596,7

9.2. Other information

Other information: Density: 0,72596 g/cm³. Ignition temperature: 200°C. Organic solvent: 82.2%

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. Decomposition may occur on exposure to conditions or materials listed below.

10.4. Conditions to avoid

Conditions to avoid: Heat.

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

Toxicity values:

Route	Species	Test	Value	Units
EC 927-510-4	-	-	-	-
ORAL	RAT	LD50	>5840	mg/kg
DERMAL	RAT	LD50	>2920	mg/kg
EC 921-024-6	-	-	-	-
ORAL	RAT	LD50	>5840	mg/kg
DERMAL	RAT	LD50	>2920	mg/kg

Relevant hazards for product:

Hazard	Route	Basis
Skin corrosion/irritation	DRM	Hazardous: calculated
STOT-single exposure	-	Hazardous: calculated
Aspiration hazard	-	Hazardous: calculated

Symptoms / routes of exposure

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

Eye contact: There may be irritation and redness. The eyes may water profusely.

Ingestion: There may be soreness and redness of the mouth and throat.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing. May be fatal if swallowed and enters airways.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure. Most important symptoms and effects, both acute and delayed: Dyspnoea, Headache, Inebriation, Dizziness, Cough, Nausea.

Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values:

Species	Test	Value	Units
EC-NR 927-510-4	-	-	-
Daphnia magna	48H EC50	3	mg/l
EC-NR 921-024-6	-	-	-
Daphnia magna	48H EC50	3	mg/l

12.2. Persistence and degradability

Persistence and degradability: Biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential.

12.4. Mobility in soil

Mobility: Readily absorbed into soil.

12.5. Results of PBT and vPvB assessment

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

12.6. Other adverse effects

Other adverse effects: Negligible ecotoxicity. Water hazard class (NL) 6: Toxic to aquatic organisms in water; may cause long-term adverse effects in the aquatic environment. Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water. Do not empty into drains, soil or water. Poisonous for fish and plankton in water bodies. Danger to drinking water if even small quantities leak into the ground.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

Waste code number: 16 05 04

Disposal of packaging: Uncleaned packagings: recommendation: Disposal according to official regulations. 15 01 04 Metal packaging

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

14.4. Packing group

14.5. Environmental hazards

Environmentally hazardous: Yes

Marine pollutant: No

14.6. Special precautions for user

Special precautions: No special precautions.

Tunnel code: D

Transport category: 2

Section 15: Regulatory information

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

Specific regulations: Waterbezwaarlijkheid (NL)6: Saneringsinspanning A.

15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

Section 16: Other information

Other information

Other information: This safety data sheet is prepared in accordance with Regulation (EC) No. 1907/2006.
This safety data sheet is prepared in accordance with Commission Regulation (EC) No 1272/2008.

* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and s.3: H220: Extremely flammable gas.
H222: Extremely flammable aerosol.
H224: Extremely flammable liquid and vapour.
H225: Highly flammable liquid and vapour.
H229: Pressurised container: May burst if heated
H304: May be fatal if swallowed and enters airways.
H315: Causes skin irritation.
H336: May cause drowsiness or dizziness.
H411: Toxic to aquatic life with long lasting effects.

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