

# SAFETY DATA SHEET



Allround Sealing Spray

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifier

**Product name** : Allround Sealing Spray  
**UFI** : H802-405U-U00Y-EXFG  
**Product code** : 115550  
**Color** : Gray.  
**Product description** : Aerosol product-Corrosion inhibitor.  
**Product type** : Aerosol.  
**Other means of identification** : Not available.

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

#### Identified uses

Aerosol product-Corrosion inhibitor.

#### Uses advised against

Not applicable.

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

WEICON GmbH & Co. KG  
Königsberger Str. 255,  
48157 Münster, Germany  
phone:+49 251 93220,  
email: info@weicon.de,  
URL: www.weicon.de

**e-mail address of person responsible for this SDS** : msds@weicon.de

### 1.4 Emergency telephone number

#### National advisory body/Poison Center

**Telephone number** : EMERGENCY CONTACT – UK, UAE, South Africa (24h): Tel: ++44 1865 407333 (English)  
TRANSPORT EMERGENCY CONTACT - UK, UAE, South Africa (24h): Tel: ++44 1865 407333 (English)

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

**Product definition** : Mixture

#### Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Aerosol 1, H222, H229

Skin Irrit. 2, H315

Eye Irrit. 2, H319

STOT SE 3, H336

Aquatic Chronic 2, H411

Asp. Tox. 1 H304

The product is classified as hazardous according to Regulation (EC) 1272/2008 as amended.

See Section 16 for the full text of the H statements declared above.

See Section 11 for more detailed information on health effects and symptoms.

## SECTION 2: Hazards identification

### 2.2 Label elements

**Hazard pictograms**



**Signal word**

: Danger

**Hazard statements**

: H222, H229 - Extremely flammable aerosol. Pressurized container: may burst if heated.  
H315 - Causes skin irritation.  
H319 - Causes serious eye irritation.  
H336 - May cause drowsiness or dizziness.  
H411 - Toxic to aquatic life with long lasting effects.

**Precautionary statements**

**General**

: P101 - If medical advice is needed, have product container or label at hand.  
P102 - Keep out of reach of children.

**Prevention**

: 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 or mist.  
P264 - Wash hands thoroughly after handling.  
P271 - Use only outdoors or in a well-ventilated area.  
P273 - Avoid release to the environment.  
P280 - Wear protective gloves. Wear eye or face protection.

**Response**

: P391 - Collect spillage.  
P304 + P312 - IF INHALED: Call a POISON CENTER or doctor if you feel unwell.  
P362 + P364 - Take off contaminated clothing and wash it before reuse.  
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337 + P313 - If eye irritation persists: Get medical advice or attention.

**Storage**

: P405 - Store locked up.  
P410 + P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.  
P403 + P233 - Store in a well-ventilated place. Keep container tightly closed.

**Disposal**

: P501 - Dispose of waste according to applicable legislation.

**Hazardous ingredients**

: Naphtha (petroleum), hydrotreated light; Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics; ethyl acetate and Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics

**Supplemental label elements**

: Not applicable.

**Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles**

: Not applicable.

**Special packaging requirements**

**Containers to be fitted with child-resistant fastenings**

: Not applicable.

**Tactile warning of danger**

: Not applicable.

### 2.3 Other hazards

**Product meets the criteria for PBT or vPvB according to Regulation (EC) No. 1907/2006, Annex XIII**

: This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

Allround Sealing Spray

## SECTION 2: Hazards identification

Other hazards which do not result in classification : None known.

Aspiration hazard - Not applicable.

## SECTION 3: Composition/information on ingredients

3.2 Mixtures : Mixture

Product/ingredient name	Identifiers	%	Classification	Specific Conc. Limits, M-factors and ATEs	Type
dimethyl ether	REACH #: 01-2119472128-37 EC: 204-065-8 CAS: 115-10-6 Index: 603-019-00-8	≥25 - ≤50	Flam. Gas 1A, H220 Press. Gas (Comp.), H280	-	[1] [2]
Naphtha (petroleum), hydrotreated light	REACH #: 01-2119475515-33 EC: 265-151-9 CAS: 64742-49-0	≥10 - ≤25	Flam. Liq. 2, H225 Skin Irrit. 2, H315 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Chronic 2, H411	-	[1] [2]
Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics	EC: 927-510-4	≥10 - ≤25	Flam. Liq. 2, H225 Skin Irrit. 2, H315 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Chronic 2, H411	-	[1]
ethyl acetate	REACH #: 01-2119475103-46 EC: 205-500-4 CAS: 141-78-6 Index: 607-022-00-5	≥10 - ≤25	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336 EUH066	-	[1] [2]
butanone	REACH #: 01-2119457290-43 EC: 201-159-0 CAS: 78-93-3 Index: 606-002-00-3	≥5 - ≤10	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336 EUH066	-	[1] [2]
Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics	REACH #: 01-2119473851-33 EC: 920-750-0	≥5 - ≤10	Flam. Liq. 2, H225 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Chronic 2, H411 EUH066	-	[1]
cyclohexane	REACH #: 01-2119463273-41 EC: 203-806-2 CAS: 110-82-7 Index: 601-017-00-1	≥5 - ≤10	Flam. Liq. 2, H225 Skin Irrit. 2, H315 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 1, H410	M [Acute] = 1 M [Chronic] = 1	[1] [2]
Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane	REACH #: 01-2119475514-35 EC: 921-024-6	≥1 - ≤3	Flam. Liq. 2, H225 Skin Irrit. 2, H315 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Chronic 2,	-	[1]

Allround Sealing Spray

### SECTION 3: Composition/information on ingredients

Solvent naphtha (petroleum), light arom.	EC: 918-668-5	≥1 - ≤3	H411 Flam. Liq. 3, H226 STOT SE 3, H335 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Chronic 2, H411 EUH066	-	[1]
n-hexane	EC: 203-777-6 CAS: 110-54-3	≥0.3 - <1	Flam. Liq. 2, H225 Skin Irrit. 2, H315 Repr. 2, H361f STOT SE 3, H336 STOT RE 2, H373 Asp. Tox. 1, H304 Aquatic Chronic 2, H411 <b>See Section 16 for the full text of the H statements declared above.</b>	STOT RE 2, H373: C ≥ 5%	[1] [2]

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment, are PBTs, vPvBs or Substances of equivalent concern, or have been assigned a workplace exposure limit and hence require reporting in this section.

Type

[1] Substance classified with a physical, health or environmental hazard

[2] Substance with a workplace exposure limit

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

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

- Eye contact** : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.
- Inhalation** : Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention. If necessary, call a poison center or physician. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
- Skin contact** : Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Continue to rinse for at least 10 minutes. Get medical attention. Wash clothing before reuse. Clean shoes thoroughly before reuse.
- Ingestion** : Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention. If necessary, call a poison center or physician. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
- Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

## SECTION 4: First aid measures

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

#### Over-exposure signs/symptoms

- Eye contact** : Adverse symptoms may include the following:  
pain or irritation  
watering  
redness
- Inhalation** : Adverse symptoms may include the following:  
respiratory tract irritation  
coughing  
nausea or vomiting  
headache  
drowsiness/fatigue  
dizziness/vertigo  
unconsciousness
- Skin contact** : Adverse symptoms may include the following:  
irritation  
redness
- Ingestion** : No specific data.

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

- Notes to physician** : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
- Specific treatments** : No specific treatment.

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

- Suitable extinguishing media** : Use an extinguishing agent suitable for the surrounding fire.
- Unsuitable extinguishing media** : None known.

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

- Hazards from the substance or mixture** : Extremely flammable aerosol. Runoff to sewer may create fire or explosion hazard. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. Gas may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back, causing fire or explosion. Bursting aerosol containers may be propelled from a fire at high speed. This material is toxic to aquatic life with long lasting effects. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.
- Hazardous combustion products** : Decomposition products may include the following materials:  
carbon dioxide  
carbon monoxide

### 5.3 Advice for firefighters

- Special protective actions for fire-fighters** : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.
- Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.

## SECTION 6: Accidental release measures

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

- For non-emergency personnel** : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. In the case of aerosols being ruptured, care should be taken due to the rapid escape of the pressurized contents and propellant. If a large number of containers are ruptured, treat as a bulk material spillage according to the instructions in the clean-up section. Do not touch or walk through spilled material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
- For emergency responders** : If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

### 6.2 Environmental precautions

- : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Water polluting material. May be harmful to the environment if released in large quantities. Collect spillage.

### 6.3 Methods and materials for containment and cleaning up

- Small spill** : Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Absorb with an inert material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
- Large spill** : Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.

### 6.4 Reference to other sections

- : See Section 1 for emergency contact information.  
See Section 8 for information on appropriate personal protective equipment.  
See Section 13 for additional waste treatment information.

## SECTION 7: Handling and storage

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

### 7.1 Precautions for safe handling

- Protective measures** : Put on appropriate personal protective equipment (see Section 8). Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use. Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing gas. Avoid breathing vapor or mist. Avoid release to the environment. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Empty containers retain product residue and can be hazardous.
- Advice on general occupational hygiene** : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

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

Allround Sealing Spray

## SECTION 7: Handling and storage

Store in accordance with local regulations. Store away from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Eliminate all ignition sources. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

### Seveso Directive - Reporting thresholds

#### Danger criteria

Category	Notification and MAPP threshold	Safety report threshold
P3a	150 tonnes	500 tonnes
E2	200 tonnes	500 tonnes

### 7.3 Specific end use(s)

**Recommendations** : Not available.

**Industrial sector specific solutions** : Not available.

## SECTION 8: Exposure controls/personal protection

The information in this section contains generic advice and guidance. Information is provided based on typical anticipated uses of the product. Additional measures might be required for bulk handling or other uses that could significantly increase worker exposure or environmental releases.

### 8.1 Control parameters

#### Occupational exposure limits

Product/ingredient name	Exposure limit values
dimethyl ether	<p><b>DFG MAC-values list (Germany, 7/2024)</b> Develop D.                      TWA 8 hours: 1000 ppm.                      PEAK 15 minutes: 8000 ppm 4 times per shift [Interval: 1 hour].                      TWA 8 hours: 1900 mg/m<sup>3</sup>.                      PEAK 15 minutes: 15200 mg/m<sup>3</sup> 4 times per shift [Interval: 1 hour].</p> <p><b>TRGS 900 OEL (Germany, 3/2025)</b>                      TWA 8 hours: 1900 mg/m<sup>3</sup>.                      PEAK 15 minutes: 15200 mg/m<sup>3</sup>.                      TWA 8 hours: 1000 ppm.                      PEAK 15 minutes: 8000 ppm.</p> <p><b>EU OEL (Europe, 1/2022)</b>                      TWA 8 hours: 1000 ppm.                      TWA 8 hours: 1920 mg/m<sup>3</sup>.</p>
Naphtha (petroleum), hydrotreated light	<p><b>TRGS 900 OEL (Germany)</b>                      TWA 8 hours: 700 mg/m<sup>3</sup>.                      PEAK 15 minutes: 1400 mg/m<sup>3</sup> 2 times per shift.</p>
ethyl acetate	<p><b>DFG MAC-values list (Germany, 7/2024)</b> Develop C.                      TWA 8 hours: 200 ppm.                      PEAK 15 minutes: 400 ppm 4 times per shift [Interval: 1 hour].                      TWA 8 hours: 750 mg/m<sup>3</sup>.                      PEAK 15 minutes: 1500 mg/m<sup>3</sup> 4 times per shift [Interval: 1 hour].</p> <p><b>TRGS 900 OEL (Germany, 3/2025)</b>                      TWA 8 hours: 730 mg/m<sup>3</sup>.                      PEAK 15 minutes: 1460 mg/m<sup>3</sup>.                      TWA 8 hours: 200 ppm.                      PEAK 15 minutes: 400 ppm.</p> <p><b>EU OEL (Europe, 1/2022)</b>                      STEL 15 minutes: 400 ppm.                      STEL 15 minutes: 1468 mg/m<sup>3</sup>.                      TWA 8 hours: 200 ppm.                      TWA 8 hours: 734 mg/m<sup>3</sup>.</p>
butanone	<p><b>DFG MAC-values list (Germany, 7/2024)</b> Develop C. Absorbed through skin.</p>

Allround Sealing Spray

## SECTION 8: Exposure controls/personal protection

<p>cyclohexane</p>	<p>TWA 8 hours: 200 ppm.                  PEAK 15 minutes: 200 ppm 4 times per shift [Interval: 1 hour].                  TWA 8 hours: 600 mg/m<sup>3</sup>.                  PEAK 15 minutes: 600 mg/m<sup>3</sup> 4 times per shift [Interval: 1 hour].  <b>TRGS 900 OEL (Germany, 3/2025)</b> Absorbed through skin.                  TWA 8 hours: 600 mg/m<sup>3</sup>.                  PEAK 15 minutes: 600 mg/m<sup>3</sup>.                  TWA 8 hours: 200 ppm.                  PEAK 15 minutes: 200 ppm.  <b>EU OEL (Europe, 1/2022)</b>                  TWA 8 hours: 200 ppm.                  TWA 8 hours: 600 mg/m<sup>3</sup>.                  STEL 15 minutes: 300 ppm.                  STEL 15 minutes: 900 mg/m<sup>3</sup>.</p> <p><b>DFG MAC-values list (Germany, 7/2024)</b> Develop D.                  TWA 8 hours: 200 ppm.                  PEAK 15 minutes: 800 ppm 4 times per shift [Interval: 1 hour].                  TWA 8 hours: 700 mg/m<sup>3</sup>.                  PEAK 15 minutes: 2800 mg/m<sup>3</sup> 4 times per shift [Interval: 1 hour].  <b>TRGS 900 OEL (Germany, 3/2025)</b>                  TWA 8 hours: 700 mg/m<sup>3</sup>.                  PEAK 15 minutes: 2800 mg/m<sup>3</sup>.                  TWA 8 hours: 200 ppm.                  PEAK 15 minutes: 800 ppm.  <b>EU OEL (Europe, 1/2022)</b>                  TWA 8 hours: 700 mg/m<sup>3</sup>.                  TWA 8 hours: 200 ppm.</p>
<p>n-hexane</p>	<p><b>DFG MAC-values list (Germany, 7/2024)</b> Develop C.                  TWA 8 hours: 50 ppm.                  PEAK 15 minutes: 400 ppm 4 times per shift [Interval: 1 hour].                  TWA 8 hours: 180 mg/m<sup>3</sup>.                  PEAK 15 minutes: 1440 mg/m<sup>3</sup> 4 times per shift [Interval: 1 hour].  <b>TRGS 900 OEL (Germany, 3/2025)</b>                  TWA 8 hours: 180 mg/m<sup>3</sup>.                  PEAK 15 minutes: 1440 mg/m<sup>3</sup>.                  TWA 8 hours: 50 ppm.                  PEAK 15 minutes: 400 ppm.  <b>EU OEL (Europe, 1/2022)</b>                  TWA 8 hours: 72 mg/m<sup>3</sup>.                  TWA 8 hours: 20 ppm.</p>

### Biological exposure indices

Product/ingredient name	Exposure indices
<p>butanone</p>	<p><b>DFG BEI-values list (Germany, 7/2024)</b> Notes: danger from percutaneous absorption (see p. 211 and p. 228).                  BEI: 2 mg/l, 2-butanone [in urine]. Sampling time: end of exposure or end of shift.  <b>TRGS 903 - BEI Values (Germany, 10/2024)</b>                  BEI: 2 mg/l, 2-butanone [in urine]. Sampling time: end of exposure or end of shift.</p>
<p>cyclohexane</p>	<p><b>DFG BEI-values list (Germany, 7/2024)</b>                  BEI: 150 mg/g creatinine, 1,2-cyclohexanediol (after hydrolysis) [in urine]. Sampling time: at the end of the shift, for long-term exposures after several previous shifts.  <b>TRGS 903 - BEI Values (Germany, 10/2024)</b>                  BEI: 150 mg/g creatinine, 1,2-cyclohexanediol (after hydrolysis) [in urine]. Sampling time: at the end of the shift, for long-term exposure after several previous shifts.</p>

Allround Sealing Spray

## SECTION 8: Exposure controls/personal protection

n-hexane

### DFG BEI-values list (Germany, 7/2024)

BEI: 5 mg/l, 2,5-hexanedione plus 4,5-dihydroxy-2-hexanone (after hydrolysis) [in urine]. Sampling time: end of exposure or end of shift / for long-term exposures: at the end of the shift after several shifts.

### TRGS 903 - BEI Values (Germany, 10/2024)

BEI: 5 mg/l, 2,5-hexanedione plus 4,5-dihydroxy-2-hexanone (after hydrolysis) [in urine]. Sampling time: end of exposure or end of shift.

**Recommended monitoring procedures** : Reference should be made to monitoring standards, such as the following: European Standard EN 689 (Workplace atmospheres - Guidance for the assessment of exposure by inhalation to chemical agents for comparison with limit values and measurement strategy) European Standard EN 14042 (Workplace atmospheres - Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents) European Standard EN 482 (Workplace atmospheres - General requirements for the performance of procedures for the measurement of chemical agents) Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

### DNELs/DMELs

#### Product/ingredient name

dimethyl ether

#### Result

##### DNEL - General population - Long term - Inhalation

471 mg/m<sup>3</sup>

Effects: Systemic

##### DNEL - Workers - Long term - Inhalation

1894 mg/m<sup>3</sup>

Effects: Systemic

Naphtha (petroleum), hydrotreated light

##### DNEL - General population - Long term - Oral

149 mg/kg bw/day

Effects: Systemic

##### DNEL - General population - Long term - Dermal

149 mg/kg bw/day

Effects: Systemic

##### DNEL - General population - Long term - Inhalation

0.41 mg/m<sup>3</sup>

Effects: Systemic

##### DNEL - Workers - Long term - Inhalation

1.9 mg/m<sup>3</sup>

Effects: Systemic

##### DNEL - General population - Long term - Inhalation

178.57 mg/m<sup>3</sup>

Effects: Local

##### DNEL - Workers - Long term - Dermal

300 mg/kg bw/day

Effects: Systemic

##### DNEL - General population - Short term - Inhalation

640 mg/m<sup>3</sup>

Effects: Local

##### DNEL - Workers - Long term - Inhalation

837.5 mg/m<sup>3</sup>

Effects: Local

## SECTION 8: Exposure controls/personal protection

ethyl acetate

**DNEL - Workers - Short term - Inhalation**

1066.67 mg/m<sup>3</sup>

Effects: Local

**DNEL - General population - Short term - Inhalation**

1152 mg/m<sup>3</sup>

Effects: Systemic

**DNEL - Workers - Short term - Inhalation**

1286.4 mg/m<sup>3</sup>

Effects: Systemic

**DNEL - General population - Long term - Oral**

4.5 mg/kg bw/day

Effects: Systemic

**DNEL - General population - Long term - Dermal**

37 mg/kg bw/day

Effects: Systemic

**DNEL - Workers - Long term - Dermal**

63 mg/kg bw/day

Effects: Systemic

**DNEL - General population - Long term - Inhalation**

367 mg/m<sup>3</sup>

Effects: Local

**DNEL - General population - Long term - Inhalation**

367 mg/m<sup>3</sup>

Effects: Systemic

**DNEL - General population - Short term - Inhalation**

734 mg/m<sup>3</sup>

Effects: Local

**DNEL - General population - Short term - Inhalation**

734 mg/m<sup>3</sup>

Effects: Systemic

**DNEL - Workers - Long term - Inhalation**

734 mg/m<sup>3</sup>

Effects: Local

**DNEL - Workers - Long term - Inhalation**

734 mg/m<sup>3</sup>

Effects: Systemic

**DNEL - Workers - Short term - Inhalation**

1468 mg/m<sup>3</sup>

Effects: Local

**DNEL - Workers - Short term - Inhalation**

1468 mg/m<sup>3</sup>

Effects: Systemic

butanone

**DNEL - General population - Long term - Oral**

31 mg/kg bw/day

Effects: Systemic

**DNEL - General population - Long term - Inhalation**

106 mg/m<sup>3</sup>

Effects: Systemic

## SECTION 8: Exposure controls/personal protection

cyclohexane

**DNEL - General population - Long term - Dermal**

412 mg/kg bw/day

Effects: Systemic

**DNEL - General population - Short term - Inhalation**

450 mg/m<sup>3</sup>

Effects: Systemic

**DNEL - Workers - Long term - Inhalation**

600 mg/m<sup>3</sup>

Effects: Systemic

**DNEL - Workers - Short term - Inhalation**

900 mg/m<sup>3</sup>

Effects: Systemic

**DNEL - Workers - Long term - Dermal**

1161 mg/kg bw/day

Effects: Systemic

**DNEL - General population - Long term - Oral**

59.4 mg/kg bw/day

Effects: Systemic

**DNEL - General population - Long term - Inhalation**

206 mg/m<sup>3</sup>

Effects: Local

**DNEL - General population - Long term - Inhalation**

206 mg/m<sup>3</sup>

Effects: Systemic

**DNEL - General population - Short term - Inhalation**

412 mg/m<sup>3</sup>

Effects: Local

**DNEL - General population - Short term - Inhalation**

412 mg/m<sup>3</sup>

Effects: Systemic

**DNEL - Workers - Long term - Inhalation**

700 mg/m<sup>3</sup>

Effects: Local

**DNEL - Workers - Long term - Inhalation**

700 mg/m<sup>3</sup>

Effects: Systemic

**DNEL - General population - Long term - Dermal**

1186 mg/kg bw/day

Effects: Systemic

**DNEL - Workers - Short term - Inhalation**

1400 mg/m<sup>3</sup>

Effects: Local

**DNEL - Workers - Short term - Inhalation**

1400 mg/m<sup>3</sup>

Effects: Systemic

**DNEL - Workers - Long term - Dermal**

2016 mg/kg bw/day

Effects: Systemic

## SECTION 8: Exposure controls/personal protection

n-hexane

**DNEL - General population - Long term - Oral**

4 mg/kg bw/day

Effects: Systemic

**DNEL - General population - Long term - Dermal**

5.3 mg/kg bw/day

Effects: Systemic

**DNEL - Workers - Long term - Dermal**

11 mg/kg bw/day

Effects: Systemic

**DNEL - General population - Long term - Inhalation**

16 mg/m<sup>3</sup>

Effects: Systemic

**DNEL - Workers - Long term - Inhalation**

75 mg/m<sup>3</sup>

Effects: Systemic

### PNECs

Not available.

## 8.2 Exposure controls

### Appropriate engineering controls

- : Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.

### Individual protection measures

#### Hygiene measures

- : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

#### Eye/face protection

- : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles.

#### Skin protection

##### Hand protection

- : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. Recommended : 1 - 4 hours (breakthrough time): Protective gloves made of nitrile rubber (material thickness of 0,4 mm); EN 374-5 Cat. III 4 - 8 hours (breakthrough time): Protective gloves made of Viton®/ butyl rubber (material thickness of 0,7 mm); EN388 Cat.II / EN374 Cat.III / EN374-2

## SECTION 8: Exposure controls/personal protection

- Body protection** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. When there is a risk of ignition from static electricity, wear anti-static protective clothing. For the greatest protection from static discharges, clothing should include anti-static overalls, boots and gloves. Refer to European Standard EN 1149 for further information on material and design requirements and test methods.
- Other skin protection** : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Respiratory protection** : Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use. Recommended : organic vapor (Type AX) and particulate filter
- Environmental exposure controls** : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

## SECTION 9: Physical and chemical properties

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

### 9.1 Information on basic physical and chemical properties

#### Appearance

- Physical state** : Gas.
- Color** : Gray.
- Odor** : Characteristic.
- Odor threshold** : Not available.
- Melting point/freezing point** : Not applicable.
- Boiling point or initial boiling point and boiling range** : Not available.
- Flammability** : Extremely flammable in the presence of the following materials or conditions: open flames, sparks and static discharge.  
Highly flammable in the presence of the following materials or conditions: heat.
- Lower and upper explosion limit** : Not available.
- Flash point** : Not applicable.
- Auto-ignition temperature** : Not applicable.
- Decomposition temperature** : Not available.
- pH** : Not applicable.
- Viscosity** : Dynamic (room temperature): Not available.  
Kinematic (room temperature): Not available.  
Kinematic (40°C): Not available.
- Solubility** :  
Not available.
- Solubility in water** : Not available.
- Partition coefficient n-octanol/water (log Pow)** : Not applicable.
- Vapor pressure** : Not available.
- Relative density** : Not applicable.
- Density** : 0.969 g/cm<sup>3</sup> [20°C (68°F)]
- Relative vapor density** : Not available.

Allround Sealing Spray

## SECTION 9: Physical and chemical properties

### Particle characteristics

Median particle size : Not applicable.

### 9.2 Other information

#### 9.2.1 Information with regard to physical hazard classes

Heat of combustion : 20.93 kJ/g

Explosive properties : Slightly explosive in the presence of the following materials or conditions: open flames, sparks and static discharge.

Oxidizing properties : Not available.

#### Aerosol product

Type of aerosol : Spray

#### 9.2.2 Other safety characteristics

Miscible with water : No.

## SECTION 10: Stability and reactivity

10.1 Reactivity : No specific test data related to reactivity available for this product or its ingredients.

10.2 Chemical stability : The product is stable.

10.3 Possibility of hazardous reactions : Under normal conditions of storage and use, hazardous reactions will not occur.

10.4 Conditions to avoid : Avoid all possible sources of ignition (spark or flame).

10.5 Incompatible materials : No specific data.

10.6 Hazardous decomposition products : Under normal conditions of storage and use, hazardous decomposition products should not be produced.  
Highly reactive or incompatible with the following materials: oxidizing materials and alkalis.

## SECTION 11: Toxicological information

### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

#### Acute toxicity

##### Product/ingredient name

dimethyl ether

##### Result

**Rat - Inhalation - LC50 Vapor**

309 g/m<sup>3</sup> [4 hours]

**Rat - Inhalation - LC50 Gas.**

164000 ppm [4 hours]

Toxic effects: Behavioral - Ataxia Behavioral - Coma

ethyl acetate

**Rat - Oral - LD50**

5620 mg/kg

butanone

**Rabbit - Dermal - LD50**

6480 mg/kg

**Rat - Oral - LD50**

2737 mg/kg

cyclohexane

**Rat - Oral - LD50**

6240 mg/kg

Toxic effects: Behavioral - Somnolence (general depressed activity) Gastrointestinal - Changes in structure or function of

Allround Sealing Spray

## SECTION 11: Toxicological information

salivary glands Gastrointestinal - Hypermotility, diarrhea

n-hexane

**Rat - Oral - LD50**

15840 mg/kg

**Rat - Inhalation - LC50 Gas.**

48000 ppm [4 hours]

**Conclusion/Summary [Product]** : Not available.

### Acute toxicity estimates

Product/ingredient name	Oral (mg/kg)	Dermal (mg/kg)	Inhalation (gases) (ppm)	Inhalation (vapors) (mg/l)	Inhalation (dusts and mists) (mg/l)
dimethyl ether	N/A	N/A	164000	309	N/A
ethyl acetate	5620	N/A	N/A	N/A	N/A
butanone	2737	6480	N/A	N/A	N/A
cyclohexane	6240	N/A	N/A	N/A	N/A
n-hexane	15840	N/A	48000	N/A	N/A

### Skin corrosion/irritation

#### Product/ingredient name

butanone

#### Result

**Rabbit - Skin - Mild irritant**

Duration of treatment/exposure: 24 hours

Amount/concentration applied: 14 mg

**Rabbit - Skin - Mild irritant**

Duration of treatment/exposure: 24 hours

Amount/concentration applied: 402 mg

**Rabbit - Skin - Moderate irritant**

Duration of treatment/exposure: 24 hours

Amount/concentration applied: 500 mg

**Conclusion/Summary [Product]** : Not available.

### Serious eye damage/eye irritation

#### Product/ingredient name

cyclohexane

#### Result

**Rabbit - Eyes - Severe irritant**

Amount/concentration applied: 0.1 MI

n-hexane

**Rabbit - Eyes - Mild irritant**

Amount/concentration applied: 10 mg

**Conclusion/Summary [Product]** : Not available.

### Respiratory corrosion/irritation

Not available.

**Conclusion/Summary [Product]** : Not available.

### Respiratory or skin sensitization

Not available.

## SECTION 11: Toxicological information

### Skin

**Conclusion/Summary [Product]** : Not available.

### Respiratory

**Conclusion/Summary [Product]** : Not available.

### Germ cell mutagenicity

Not available.

**Conclusion/Summary [Product]** : Not available.

### Carcinogenicity

Not available.

**Conclusion/Summary [Product]** : Not available.

### Reproductive toxicity

Not available.

**Conclusion/Summary [Product]** : Not available.

### Specific target organ toxicity (single exposure)

#### **Product/ingredient name**

#### **Result**

Naphtha (petroleum), hydrotreated light	STOT SE 3, H336 (Narcotic effects)
Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics	STOT SE 3, H336 (Narcotic effects)
ethyl acetate	STOT SE 3, H336 (Narcotic effects)
butanone	STOT SE 3, H336 (Narcotic effects)
Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics	STOT SE 3, H336 (Narcotic effects)
cyclohexane	STOT SE 3, H336 (Narcotic effects)
Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane	STOT SE 3, H336 (Narcotic effects)
Solvent naphtha (petroleum), light arom.	STOT SE 3, H335 (Respiratory tract irritation)
n-hexane	STOT SE 3, H336 (Narcotic effects)
	STOT SE 3, H336 (Narcotic effects)

### Specific target organ toxicity (repeated exposure)

#### **Product/ingredient name**

#### **Result**

n-hexane	STOT RE 2, H373
----------	-----------------

### Aspiration hazard

#### **Product/ingredient name**

#### **Result**

Naphtha (petroleum), hydrotreated light	ASPIRATION HAZARD - Category 1
Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics	ASPIRATION HAZARD - Category 1
Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics	ASPIRATION HAZARD - Category 1
cyclohexane	ASPIRATION HAZARD - Category 1
Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane	ASPIRATION HAZARD - Category 1
Solvent naphtha (petroleum), light arom.	ASPIRATION HAZARD - Category 1
n-hexane	ASPIRATION HAZARD - Category 1

### Information on the likely routes of exposure

## SECTION 11: Toxicological information

Not available.

### Potential acute health effects

- Eye contact** : Causes serious eye irritation.
- Inhalation** : Can cause central nervous system (CNS) depression. May cause drowsiness or dizziness.
- Skin contact** : Causes skin irritation.
- Ingestion** : Can cause central nervous system (CNS) depression.

### Symptoms related to the physical, chemical and toxicological characteristics

- Eye contact** : Adverse symptoms may include the following:  
pain or irritation  
watering  
redness
- Inhalation** : Adverse symptoms may include the following:  
respiratory tract irritation  
coughing  
nausea or vomiting  
headache  
drowsiness/fatigue  
dizziness/vertigo  
unconsciousness
- Skin contact** : Adverse symptoms may include the following:  
irritation  
redness
- Ingestion** : No specific data.

### Delayed and immediate effects and also chronic effects from short and long term exposure

#### Short term exposure

- Potential immediate effects** : Not available.
- Potential delayed effects** : Not available.

#### Long term exposure

- Potential immediate effects** : Not available.
- Potential delayed effects** : Not available.

### Potential chronic health effects

Not available.

- Conclusion/Summary [Product]** : Not available.
- General** : No known significant effects or critical hazards.
- Carcinogenicity** : No known significant effects or critical hazards.
- Mutagenicity** : No known significant effects or critical hazards.
- Reproductive toxicity** : No known significant effects or critical hazards.

## 11.2 Information on other hazards

### 11.2.1 Endocrine disrupting properties

Not available.

- Conclusion/Summary [Product]** : The product does not meet the criteria to be considered as having endocrine disrupting properties according to the criteria set out in either Regulation (EC) No. 1907/2006 or Regulation (EC) No 1272/2008.

### 11.2.2 Other information

Not available.

## SECTION 12: Ecological information

### 12.1 Toxicity

#### Product/ingredient name

ethyl acetate

#### Result

##### Acute - LC50 - Fresh water

Daphnia - Water flea - *Daphnia cucullata*

Age: 11 days

154 mg/l [48 hours]

Effect: Mortality

##### Acute - LC50 - Fresh water

Fish - Indian catfish - *Heteropneustes fossilis*

Size: 14.16 cm; Weight: 25.54 g

212.5 mg/l [96 hours]

Effect: Mortality

##### Acute - EC50 - Fresh water

Algae - Green algae - *Selenastrum sp.*

2500 mg/l [96 hours]

Effect: Population

##### Chronic - NOEC - Fresh water

Fish - Fathead minnow - *Pimephales promelas* - Embryo

Age: <24 hours

75.6 mg/l [32 days]

Effect: Mortality

##### Chronic - NOEC - Fresh water

Daphnia - Water flea - *Daphnia magna*

Age: ≤24 hours

2.4 mg/l [21 days]

Effect: Mortality

butanone

##### Acute - EC50 - Fresh water

Daphnia - Water flea - *Daphnia magna* - Larvae

Age: <24 hours

5091 mg/l [48 hours]

Effect: Intoxication

##### Acute - LC50 - Fresh water

Fish - Fathead minnow - *Pimephales promelas*

Age: 31 days; Size: 22 mm; Weight: 0.167 g

3220 mg/l [96 hours]

Effect: Mortality

##### Acute - EC50 - Marine water

Algae - Diatom - *Skeletonema costatum*

>500 mg/l [96 hours]

Effect: Population

cyclohexane

##### Acute - LC50 - Fresh water

Fish - Fathead minnow - *Pimephales promelas*

Age: 30 days; Size: 20.5 mm; Weight: 0.119 g

4530 µg/l [96 hours]

Effect: Mortality

n-hexane

##### Acute - LC50 - Fresh water

Fish - Fathead minnow - *Pimephales promelas*

Age: 31 days; Size: 20.4 mm; Weight: 0.123 g

2500 µg/l [96 hours]

Effect: Mortality

**Conclusion/Summary [Product]** : Not available.

Allround Sealing Spray

## SECTION 12: Ecological information

### 12.2 Persistence and degradability

Not available.

**Conclusion/Summary [Product]** : Not available.

### 12.3 Bioaccumulative potential

Product/ingredient name	LogP <sub>ow</sub>	BCF	Potential
dimethyl ether	0.07	-	Low
Naphtha (petroleum), hydrotreated light	2.2 to 5.2	10 to 2500	High
ethyl acetate	0.68	30	Low
butanone	0.3	-	Low
cyclohexane	3.44	167	Low
n-hexane	4	501.187	High

### 12.4 Mobility in soil

#### Soil/Water partition coefficient

Product/ingredient name	logK <sub>oc</sub>	K <sub>oc</sub>
dimethyl ether	0.44	2.76229
ethyl acetate	1.3	18.1744
butanone	1.2	15.8984
cyclohexane	2	96.5031
n-hexane	2.2	165.951

#### Results of PMT and vPvM assessment

Product/ingredient name	PMT	P	M	T	vPvM	vP	vM
dimethyl ether	No	No	No	No	No	No	No
Naphtha (petroleum), hydrotreated light	No	No	No	No	No	No	No
Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics	No	No	No	No	No	No	No
ethyl acetate	No	No	No	No	No	No	No
butanone	No	No	No	No	No	No	No
Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics	No	No	No	No	No	No	No
cyclohexane	No	No	No	No	No	No	No
Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane	No	No	No	No	No	No	No
Solvent naphtha (petroleum), light arom.	No	No	No	No	No	No	No
n-hexane	No	No	No	No	No	No	No

**Mobility** : Not available.

**Conclusion/Summary** : The product does not meet the criteria to be considered as a PMT or vPvM.

### 12.5 Results of PBT and vPvB assessment

#### Regulation (EC) No. 1907/2006 [REACH]

Allround Sealing Spray

## SECTION 12: Ecological information

Product/ingredient name	PBT	P	B	T	vPvB	vP	vB
dimethyl ether	No	N/A	N/A	No	N/A	N/A	N/A
Naphtha (petroleum), hydrotreated light	No	N/A	No	No	No	N/A	No
Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics	No	N/A	N/A	No	N/A	N/A	N/A
ethyl acetate	No	N/A	No	No	No	N/A	No
butanone	No	N/A	N/A	No	N/A	N/A	N/A
Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics	No	N/A	N/A	No	N/A	N/A	N/A
cyclohexane	No	N/A	No	No	No	N/A	No
Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane	No	N/A	N/A	No	N/A	N/A	N/A
Solvent naphtha (petroleum), light arom.	No	N/A	N/A	No	N/A	N/A	N/A
n-hexane	No	N/A	No	Yes	No	N/A	No

### Regulation (EC) No. 1272/2008 [CLP]

Product/ingredient name	PBT	P	B	T	vPvB	vP	vB
dimethyl ether	No	No	No	No	No	No	No
Naphtha (petroleum), hydrotreated light	No	No	No	No	No	No	No
Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics	No	No	No	No	No	No	No
ethyl acetate	No	No	No	No	No	No	No
butanone	No	No	No	No	No	No	No
Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics	No	No	No	No	No	No	No
cyclohexane	No	No	No	No	No	No	No
Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane	No	No	No	No	No	No	No
Solvent naphtha (petroleum), light arom.	No	No	No	No	No	No	No
n-hexane	No	No	No	No	No	No	No

**Conclusion/Summary Regulation (EC) No. 1272/2008 [CLP]** : The product does not meet the criteria to be considered as a PBT or vPvB.

### 12.6 Endocrine disrupting properties

Not available.

**Conclusion/Summary [Product]** : The product does not meet the criteria to be considered as having endocrine disrupting properties according to the criteria set out in either Regulation (EC) No. 1907/2006 or Regulation (EC) No 1272/2008.

### 12.7 Other adverse effects

No known significant effects or critical hazards.

## SECTION 13: Disposal considerations

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

### 13.1 Waste treatment methods

#### Product

Allround Sealing Spray

## SECTION 13: Disposal considerations

**Methods of disposal** : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction.

**Hazardous waste** : Yes.

### European waste catalogue (EWC)

Waste code	Waste designation
16 05 04*	gases in pressure containers (including halons) containing hazardous substances

### Packaging

**Methods of disposal** : The generation of waste should be avoided or minimized wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.

Type of packaging	European waste catalogue (EWC)
Can	15 01 10* packaging containing residues of or contaminated by hazardous substances

**Special precautions** : This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Do not puncture or incinerate container.

## SECTION 14: Transport information

	ADR/RID	ADN	IMDG	IATA
<b>14.1 UN number or ID number</b>	UN1950	UN1950	UN1950	UN1950
<b>14.2 UN proper shipping name</b>	AEROSOLS (dimethyl ether, ethyl acetate)	AEROSOLS (dimethyl ether, ethyl acetate)	AEROSOLS (dimethyl ether, ethyl acetate)	Aerosols, flammable (dimethyl ether, ethyl acetate)
<b>14.3 Transport hazard class(es)</b>	2  	2  	2.1  	2.1 
<b>14.4 Packing group</b>	-	-	-	-
<b>14.5 Environmental hazards</b>	Yes.	Yes.	Yes.	Yes. The environmentally hazardous substance mark is not required.

### Additional information

**ADR/RID** : The environmentally hazardous substance mark is not required when transported in sizes of ≤5 L or ≤5 kg.  
**Limited quantity** 1 L  
**Special provisions** 190, 327, 625, 344  
**Tunnel code (D)**  
**ADR Classification Code:** 5F

**ADN** : The environmentally hazardous substance mark is not required when transported in sizes of ≤5 L or ≤5 kg.  
**Special provisions** 190, 327, 625, 344

**IMDG** : The marine pollutant mark is not required when transported in sizes of ≤5 L or ≤5 kg.  
**Emergency schedules** F-D, S-U  
**Special provisions** 63, 190, 277, 327, 344, 381, 959

Allround Sealing Spray

## SECTION 14: Transport information

**IATA** : The environmentally hazardous substance mark may appear if required by other transportation regulations.  
**Quantity limitation** Passenger and Cargo Aircraft: 75 kg. Packaging instructions: 203. Cargo Aircraft Only: 150 kg. Packaging instructions: 203. Limited Quantities - Passenger Aircraft: 30 kg. Packaging instructions: Y203.  
**Special provisions** A145, A167, A802

**14.6 Special precautions for user** : **Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

**14.7 Maritime transport in bulk according to IMO instruments** : Not available.

## SECTION 15: Regulatory information

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

#### EU Regulation (EC) No. 1907/2006 (REACH)

##### Annex XIV - List of substances subject to authorization

###### Annex XIV

None of the components are listed above the relevant limit.

###### Substances of very high concern

None of the components are listed above the relevant limit.

##### Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles

Product/ingredient name	%	Designation [Usage]
cyclohexane	≥5 - ≤10	57 [Neoprene-based contact adhesive]

**Labeling** : Not applicable.

##### Synthetic polymer microparticles - Designation 78

**Generic identity of polymer(s)** :  Not applicable.

**Total percentage of synthetic polymer microparticles** :  Not applicable.

##### Other EU regulations

**Industrial emissions (integrated pollution prevention and control) - Air** : Not listed

**Industrial emissions (integrated pollution prevention and control) - Water** : Not listed

**Explosive precursors** : Not applicable.

##### Ozone depleting substances (EU 2024/590)

Not listed.

##### Prior Informed Consent (PIC) (649/2012/EU)

Not listed.

##### Persistent Organic Pollutants

Not listed.

Allround Sealing Spray

## SECTION 15: Regulatory information

Aerosol dispensers :

3



Extremely flammable

### Seveso Directive

This product is controlled under the Seveso Directive.

#### Danger criteria

Category
P3a E2

### Annex VIIA - Labelling for Contents

#### Identification

aliphatic hydrocarbons

#### Concentration

30% and more

**VOC content** : 75 %

**VOC (g/L)** : 627

#### National regulations

Product/ingredient name	List name	Name on list	Classification	Notes
dimethyl ether	DFG MAC-values list	-	Develop D	-
ethyl acetate	DFG MAC-values list	-	Develop C	-
butanone	DFG MAC-values list	-	Develop C	-
cyclohexane	DFG MAC-values list	-	Develop D	-
n-hexane	DFG MAC-values list	-	Develop C	-

**Storage class (TRGS 510)** : 2B

#### Hazardous incident ordinance

This product is controlled under the Germany Hazardous Incident Ordinance.

#### Danger criteria

Category	Reference number
P3a E2	1.2.3.1 1.3.2

**Hazard class for water** : 2

#### Technical instruction on air quality control (TA Luft)

Number [Class]	Description	%
5.2.5	Organic substances	114.6
5.2.5 [I]	Organic substances	85.9

#### International regulations

##### Chemical Weapon Convention List Schedules I, II & III Chemicals

Not listed.

##### Montreal Protocol

Not listed.

##### Stockholm Convention on Persistent Organic Pollutants

Not listed.

##### Rotterdam Convention on Prior Informed Consent (PIC)

Allround Sealing Spray

## SECTION 15: Regulatory information

Not listed.

### UNECE Aarhus Protocol on POPs and Heavy Metals

Not listed.

### Inventory list

<b>Australia</b>	: Not determined.
<b>Canada</b>	: Not determined.
<b>China</b>	: Not determined.
<b>Eurasian Economic Union</b>	: <b>Russian Federation inventory</b> : Not determined.
<b>Japan</b>	: <b>Japan inventory (CSCL)</b> : Not determined. <b>Japan inventory (ISHL)</b> : Not determined.
<b>New Zealand</b>	: Not determined.
<b>Philippines</b>	: Not determined.
<b>Republic of Korea</b>	: Not determined.
<b>Taiwan</b>	: Not determined.
<b>Thailand</b>	: Not determined.
<b>Turkey</b>	: Not determined.
<b>United States</b>	: Not determined.
<b>Viet Nam</b>	: Not determined.

**15.2 Chemical Safety Assessment** : This product contains substances for which Chemical Safety Assessments are still required.

## SECTION 16: Other information

🔍 Indicates information that has changed from previously issued version.

**Abbreviations and acronyms** :

- ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway
- ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road
- ATE = Acute Toxicity Estimate
- B = Bioaccumulative
- BCF = Bioconcentration Factor
- CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]
- DMEL = Derived Minimal Effect Level
- DNEL = Derived No Effect Level
- EUH statement = CLP-specific Hazard statement
- IATA = International Air Transport Association
- IMDG = International Maritime Dangerous Goods
- IMO = International Maritime Organization
- M = Mobile
- N/A = Not available
- P = Persistent
- PBT = Persistent, Bioaccumulative and Toxic
- PMT = Persistent, Mobile and Toxic
- PNEC = Predicted No Effect Concentration
- RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail
- RRN = REACH Registration Number
- SGG = Segregation Group
- T = Toxic
- vB = Very Bioaccumulative
- vM = Very Mobile
- vP = Very Persistent
- vPvB = Very Persistent and Very Bioaccumulative
- vPvM = Very Persistent and Very Mobile

Allround Sealing Spray

## SECTION 16: Other information

### Procedure used to derive the classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Classification	Justification
Aerosol 1, H222, H229 Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H336 Aquatic Chronic 2, H411 Asp. Tox. 1 H304	On basis of test data Calculation method Calculation method Calculation method Calculation method

### Full text of abbreviated H statements

H220	Extremely flammable gas.
H222, H229	Extremely flammable aerosol. Pressurized container: may burst if heated.
H225	Highly flammable liquid and vapor.
H226	Flammable liquid and vapor.
H280	Contains gas under pressure; may explode if heated.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H361f	Suspected of damaging fertility.
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.
H411	Toxic to aquatic life with long lasting effects.
EUH066	Repeated exposure may cause skin dryness or cracking.

### Full text of classifications [CLP/GHS]

Aerosol 1	AEROSOLS - Category 1
Aquatic Acute 1	AQUATIC HAZARD (ACUTE) - Category 1
Aquatic Chronic 1	AQUATIC HAZARD (LONG-TERM) - Category 1
Aquatic Chronic 2	AQUATIC HAZARD (LONG-TERM) - Category 2
Asp. Tox. 1	ASPIRATION HAZARD - Category 1
Eye Irrit. 2	SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2
Flam. Gas 1A	FLAMMABLE GASES - Category 1A
Flam. Liq. 2	FLAMMABLE LIQUIDS - Category 2
Flam. Liq. 3	FLAMMABLE LIQUIDS - Category 3
Press. Gas (Comp.)	GASES UNDER PRESSURE - Compressed gas
Repr. 2	TOXIC TO REPRODUCTION - Category 2
Skin Irrit. 2	SKIN CORROSION/IRRITATION - Category 2
STOT RE 2	SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 2
STOT SE 3	SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) - Category 3

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