


SAFETY DATA SHEET according to Regulation (EU) 2020/878 of 18 June 2020		
CON4S Canister		
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SECTION 1: Identification of the substance/mixture and of the company/undertaking	
1.1. Product identifier	Product name: CON4S Canister UFI: K600-Y09E-Y00N-43D1
1.2. Relevant identified uses of the substance or mixture and uses advised against	Identified uses: Adhesive. For bonding plastic laminates, wood, most metals and building materials. Uses advised against: Flexible PVC
1.3. Details of the supplier of the safety data sheet	Schilsner Industry Group Sp.z o.o. ul. Bierutowska 77 51-317 Wrocław, Poland Tel: 00 48 71/ 35 00 601 Fax: 00 48 71/ 32 52 671 E-mail address of Responsible Person: recepcja@schilsner.pl
1.4. Emergency telephone number	Emergency Phone: 112

SECTION 2: Hazards identification	
2.1. Classification of the substance or mixture	<p>Classification according to Regulation (EC) No 1272/2008 (CLP)</p> <p>Press. Gas (Liq.) H280 Contains gas under pressure; may explode if heated.</p> <p>Flam. Gas 1 H220 Extremely flammable gas.</p> <p>Eye Irrit. 2 H319 Causes serious eye irritation.</p> <p>Skin Irrit. 2 H315 Causes skin irritation.</p> <p>STOT SE 3 H336 May cause drowsiness or dizziness.</p> <p>Carc. 2 H351 Suspected of causing cancer.</p>
2.2. Label elements	<p>Labeling according to Regulation (EC) No 1272/2008</p> <p>Signal word DANGER</p> <p>Pictograms</p> <div style="text-align: center;">  </div> <p>Substances to be listed on the label</p> <p>Dichloromethane</p>

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Hazard statements

H220 Extremely flammable gas.
H280 Contains gas under pressure; may explode if heated.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.
H351 Suspected of causing cancer.

Precautionary statements

Prevention

P202 Do not handle until all safety precautions have been read and understood
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P261 Avoid breathing vapours/spray.
P280 Wear protective gloves/protective clothing/eye protection/face protection.

Response

P302+P352 IF ON SKIN: Wash with plenty of water.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308+P313 IF exposed or concerned: Get medical advice/attention.
P381 In case of leakage, eliminate all ignition sources.

Storage

P405 Store locked up.
P410+P403 Protect from sunlight. Store in a well-ventilated place.

Removal

P501 Dispose of contents/container to hazardous or special waste collection point.

2.3. Other hazards

This mixture does not contain substances that meet the criteria for PBT or vPvB in accordance with Annex XIII.
 Explosive vapor-air mixture may be formed when using the product.
 Dichloromethane is converted to carbon monoxide in the body, which reduces the ability to carry oxygen in the blood.

SECTION 3: Composition/information on ingredients

3.1. Substances - not applicable

3.2. Mixtures

Name of substance	Identifier	Classification 1272/2008		% weight
Dichloromethane ^{[2] [3]}	Index: 602-004-00-3 CAS: 75-09-2 EC: 200-838-9 REACH: 01-2119480404-41-XXXX	Eye Irrit. 2 Skin Irrit. 2 Carc. 2 STOT SE 3	H319 H315 H351 H336	30-60
Petroleum gases, liquefied; Petroleum gas	Index: 649-202-00-6 CAS: 68476-85-7 EC: 270-704-2 REACH: --	Flam. Gas. 1 Press. Gas (Liq.)	H220 H280	10-60

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Dimethyl ether ^[2] ^[3]	Index: 603-019-00-8 CAS: 115-10-6 EC: 204-065-8	Flam. Gas 1 Press. Gas	H220 H280	5 - 10
Notes The full meaning of the risk phrases H included in the chapter 16 ^[1] Specific concentration limits -- ^[2] Substance for which there are national occupational exposure limit values ^[3] Substance with a Union workplace exposure limit ^[4] SVHC: substances included in the list established in accordance with Article 59 (1)				

SECTION 4: First aid measures	
4.1. Description of first aid measures	
Inhalation Remove person to fresh air and keep comfortable for breathing. Ensure warmth and calm. Provide medical assistance. Ingestion Do not induce vomiting. Rinse mouth. If unconscious – do not give the person anything to swallow. Provide medical assistance. Transport the injured person to a hospital if necessary. Eye contact Remove contact lenses. Rinse contaminated eyes with lukewarm water for 10-15 minutes. Avoid strong water stream - risk of cornea damage. Provide medical assistance immediately. Skin contact Remove contaminated clothing immediately. Clean contaminated skin, wash with plenty of water, then wash with water and mild soap. If skin irritation persists, consult a doctor.	
4.2. Most important symptoms and effects, both acute and delayed	
<u>General information</u> Prolonged and repeated contact with solvents over a long period may lead to permanent health problems. <u>Inhalation:</u> Prolonged inhalation of high vapor concentrations may cause damage to the respiratory tract. <u>Ingestion:</u> Ingestion may cause severe irritation of the mouth, the oesophagus and the gastrointestinal tract. <u>Skin contact:</u> Product has a degreasing effect on the skin. Prolonged contact may cause redness, irritation and dryness of the skin. <u>Eye contact:</u> Irritation of eyes and mucous membranes.	
4.3. Indication of any immediate medical attention and special treatment needed	
Symptomatic treatment. First aid supplies should be available on the workplace premises. Show this Safety Data Sheet to the physician.	

SECTION 5: Firefighting measures	
5.1. Extinguishing media	
Suitable extinguishing media Fire-fighting foam, carbon dioxide CO ₂ , fire-extinguisher powders, dispersed water	

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Approach fire from upwind to avoid hazardous fumes.

Unsuitable extinguishing media

Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

Extremely flammable aerosol.

Combustion products

Toxic thermal decomposition products, as well as carbon monoxide and carbon dioxide (CO_x).

Do not breathe vapors and fumes produced during fire.

Explosive mixture

Containers can burst violently or explode when heated, due to excessive pressure build-up.

Forms explosive mixtures with air. May explode when heated or when exposed to flames or sparks. Vapours are heavier than air and may spread near ground and travel a considerable distance to a source of ignition and flash back.

5.3. Advice for firefighters

Use standard firefighting methods for extinguishing chemical fires.

Use water to cool containers exposed to high temperatures, and if possible, remove them from the area affected.

Use water spray jets to disperse vapours.

Fire-fighter protective equipment

Full personal protective equipment.

Self-contained breathing equipment.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Provide adequate ventilation. Avoid contact with eyes and skin. Wear appropriate protective equipment.

Remove all sources of ignition. Keep all persons not equipped with personal protection equipment away.

In case of a discharge of a significant volume of the mixture, warn its users and order all bystanders to leave the contaminated area.

Avoid the formation of aerosols.

6.2. Environmental precautions

Prevent environmental contamination.

Protect drains.

In case of serious contamination of soil, watercourse or sewage system, notify the appropriate authorities.

6.3. Methods and material for containment and cleaning up

Secure any damaged packaging.

Ventilate the area affected and avoid inhaling vapours.

Collect mechanically and with non-combustible absorbent material (e.g. sand, earth, diatomaceous earth, vermiculite).

Place all contaminated mass collected in a substitute container and send it for disposal in accordance with the local regulations.

Collect small amounts with tissue paper or disposable towels.

Wash the contaminated surface with plenty of water and detergent.

6.4. Reference to other sections

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Recommendations for handling the mixture

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Provide adequate ventilation.
 Avoid contact with eyes and skin.
 Avoid inhaling product vapours/ aerosol.
General industrial health and safety regulations
 Do not eat, drink or smoke when using this product.
 Wash hands thoroughly after handling.
 Replace contaminated clothing.
 Wash contaminated clothing before reusing.
Guidance on fire and explosion prevention
 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
 Use explosion-proof electrical/ventilating/lighting/equipment.
 In case of usage and/or insufficient ventilation, highly-explosive and flammable mixtures may form.
 Prevent accumulation of electrostatic charges.
 Use non-sparking tools.
 Protect from sunlight.
 Do not expose to temperatures exceeding 50°C.
 Heating the product leads to an increase in pressure and a danger of bursting.
 Do not pierce or burn, even after use.

7.2. Conditions for safe storage, including any incompatibilities

Storage rooms must be ventilated.
 Keep container tightly closed.
 Store in a dry and cool place.
 Keep away from sunlight, as well as heat and ignition sources.
 Always use containers made of the same materials as the original packaging.
 Observe regulations for storage of pressurized containers.
 Handle opened containers with great care to prevent spillage.
 Do not handle until all safety precautions have been read and understood.

7.3. Specific end use(s)

No data available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Ingredients with limit values that require monitoring at the workplace

Name of the chemical agent	CAS	Limit values				Comments
		Long-term		Short-term		
		ppm	mg/m³	ppm	mg/m³	
Dichloromethane	75-09-2	100	353	200	706	-

8.2. Exposure controls

Appropriate engineering controls

Workstations and storage rooms must be well ventilated to keep the dust/vapour concentrations in the air below their limit values.

Use explosion-proof electrical/ventilating/lighting/equipment.

Individual protection measures



Eye or face protection

Use safety goggles compliant with the EN 166 standard.

Eye wash bottle with clean water or eye washers must be provided near the work area.

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Skin protection



Hand protection

Use chemical-resistant protective gloves compliant with the EN 374 standard.

Select glove material based on breakthrough time, rate of penetration and degradation.

It is recommended to change gloves regularly and immediately replace them if they have any signs of wear, damage (tears, holes) or their appearance changes (colour, flexibility, shape).

Apply protective cream on unprotected body parts.

Body protection

Suitable protective clothing.

The type of protective equipment must be selected based on the quantity and concentration of hazardous substances in the given work environment.

Respiratory protection

Do not breathe vapours.

In case of hazard due to the mixture vapours levels exceeding allowable levels in the air (e.g. due to ventilation failure), wear respiratory protection equipment with a filter.

Environmental exposure controls

Do not discharge into drains and groundwater.

General health and safety guidelines

Follow good personal hygiene practices.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Aerosol
Colour	Amber
Odour	Chlorinated hydrocarbons
Melting point/freezing point	No data available
Boiling point or initial boiling point and boiling range	40°C (760 mm Hg) (Dichloromethane)
Flammability	Extremely flammable aerosol.
Lower and upper explosion limit	Lower: 1,4 % obj. (propellant) Upper: 10,9 % obj. (propellant)
Flash point	<-60°C (propellant)
Auto-ignition temperature	No data available
Decomposition temperature	Not applicable
pH	No data available
Kinematic viscosity	No data available
Solubility(ies)	Insoluble in water
Partition coefficient n-octanol/water (log value)	1,25 (Dichloromethane)
Vapour pressure	No data available
Density and/or relative density	~1,2 (Liquid base)
Relative vapour density	No data available
Particle characteristics	No data available

9.2. Other information

Information with regard to physical hazard classes

No data available

Other safety characteristics

Evaporation rate

27,5 (Dichloromethane; n-butyl acetate=1)

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Dynamic viscosity

550-750 cP /20°C (Liquid base)

SECTION 10: Stability and reactivity	
10.1. Reactivity	The mixture is not chemically reactive if stored and used under proper conditions.
10.2. Chemical stability	The mixture is chemically stable if stored and used under proper conditions.
10.3. Possibility of hazardous reactions	No known hazardous reactions if stored under normal conditions. Product will not undergo polymerization.
10.4. Conditions to avoid	Avoid heat, fire and other sources of ignition. Protect from sunlight.
10.5. Incompatible materials	Aluminum (aluminium), strong oxidizing agents, strong acids, water, moisture.
10.6. Hazardous decomposition products	Harmful gases and vapors, hydrogen chloride (HCl), phosgene (COCl ₂).

SECTION 11: Toxicological information	
11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008	
Acute toxicity	Based on available data, the classification criteria are not met.
<u>Dichloromethane (CAS: 75-09-2)</u>	
LD50 oral rat	2000 mg/kg ³
ATE orally	2000 mg/kg
LD50 rat or rabbit skin	2000 mg/kg ³
ATE leather	2000 mg/kg
LC50 inhalation, rat	86 mg/kg ³
ATE inhalation, vapours	86 mg/l
Skin corrosion/irritation	Causes skin irritation.
Serious eye damage/irritation	Causes serious eye irritation.
Respiratory or skin sensitisation	Based on available data, the classification criteria are not met.
Germ cell mutagenicity	Based on available data, the classification criteria are not met.
Carcinogenicity	Suspected of causing cancer.
Reproductive toxicity	Based on available data, the classification criteria are not met.
STOT-single exposure	May cause drowsiness or dizziness.
STOT-repeated exposure	Based on available data, the classification criteria are not met. Repeated exposure may cause skin dryness or cracking.
Aspiration hazard	Based on available data, the classification criteria are not met.
11.2. Information on other hazards	

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Endocrine disrupting properties

No data

Other information

Effects of acute exposure

Narcotic effect. Vapors may cause drowsiness and dizziness. In case of excessive exposure to organic solvents, depression of the central nervous system, dizziness, intoxication and, at very high concentrations, unconsciousness and death may occur.

SECTION 12: Ecological information

12.1. Toxicity

Acute toxicity

Based on available data, the classification criteria are not met.

12.2. Persistence and degradability

No data

12.3. Bioaccumulative potential

log Pow: 1.25 Dichloromethane

Bioaccumulative potential The product contains potentially bioaccumulating substances.

12.4. Mobility in soil

The product contains volatile organic compounds (VOCs) which will evaporate easily from all surfaces. The product is volatile, insoluble in water and heavier than water.

12.5. Results of PBT and vPvB assessment

This mixture does not contain substances that meet the criteria for PBT or vPvB in accordance with Annex XIII.

12.6. Endocrine disrupting properties

No data

12.7. Other adverse effects

No data

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Dispose of in accordance with current regulations.

Hand over any used packaging to an authorised company for disposal or reuse.

Do not store along with municipal wastes.

Do not discharge into drains, sewage systems or surface waters.

Do not puncture or incinerate, even when empty.

Ensure containers are empty before discarding (explosion risk).

Residues and empty containers should be taken care of as hazardous waste according to local and national provisions.

Waste code

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

15 01 04 metallic packaging

15 01 10* packaging containing residues of or contaminated by hazardous substances

Waste codes should be assigned by the user based on the application for which the product was used.

SECTION 14: Transport information

14.1. UN number

UN 3501

14.2. UN proper shipping name

CHEMICAL UNDER PRESSURE, FLAMMABLE, N.O.S.

14.3. Transport hazard class(es)

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Label no.:


14.4. Packing group

14.5. Environmental hazards

14.6. Special precautions for user

EmS

14.7. Maritime transport in bulk according to IMO instruments



not applicable

No

F-D; S-U

not applicable

SECTION 15: Regulatory information	
15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture	<ul style="list-style-type: none"> Regulation (EC) No 1272/2008 (CLP) of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 (REACH). REGULATION (EC) No 1907/2006 OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC. COMMISSION REGULATION (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)
15.2. Chemical safety assessment	No data

SECTION 16: Other information	
Full text of H-phrases mentioned in section 3: H220 Extremely flammable gas H280 Contains gas under pressure; may explode if heated. H319 Causes serious eye irritation. H315 Causes skin irritation. H336 May cause drowsiness or dizziness. H351 Suspected of causing cancer <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.	
Abbreviations and Acronyms: ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road RID: Regulations Concerning the International Transport of Dangerous Goods by Rail IMDG: International Maritime Code for Dangerous Goods IATA: International Air Transport Association IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA) ICAO: International Civil Aviation Organization ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO) PP: Severe Marine Pollutant GHS: Globally Harmonized System of Classification and Labelling of Chemicals EINECS: European Inventory of Existing Commercial Chemical Substances CAS: Chemical Abstracts Service (division of the American Chemical Society) DNEL: Derived No-Effect Level (REACH)	

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PNEC: Predicted No-Effect Concentration (REACH) LC50: Lethal concentration, 50 percent LD50: Lethal dose, 50 percent		
Note to readers The product described in the safety data sheet should be stored and used in accordance with good industrial practices and in compliance with all applicable legal regulations. The information contained in the safety data sheet is based on the current state of knowledge and is intended to describe the product in terms of health, safety and environmental regulations. It should not be considered a guarantee of any specific product properties. We cannot make any representations or warranties regarding the accuracy or completeness of any information provided or the quality or specifications of any products, substances or mixtures discussed herein. The user is responsible for creating conditions for the safe use of the product and for the consequences of its misuse.		