Safety Data Sheet in Accordance with regulation 2015/830

Date of issue: 25.07.2016 Replaces Data Sheet of: 23.10.2015
"*" alterations as compared to previous version; n.ap. = not applicable; n.av. = not available

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

1.1 **Product identifier**

Trade Name: **EXPERT spray adhesive**
Article No.: 170497
Preparation No.: n.av.
Registration No.: n.ap.

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

Identified uses: Scale model purpose

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

1.3.1 **Address of the Company / Supplier:**

Gebr. FALLER GmbH, Kreuzstraße 9, D - 78148 Gütenbach
Telephone: +49-7723-651-0, Telefax: +49-7723-651-161, E-Mail: kundendienst@faller.de

1.3.2 **Responsible for the data sheet:**

CoSiChem AG, Ernst-Lemmer-Straße 23, D - 35041 Marburg, info@cosichem.de

1.4 **Emergency telephone number**

Emergency - Telephone of Company / Undertaking
Telephone: +49-7723-651-0 (8:30 – 16:30)

Information Centre Specialising in Symptoms of Poisoning
Telephone: +44 870 600 6266

SECTION 2: Hazards identification

2.1 **Classification of the substance or mixture**

Classification and labelling according to Directive 1272/2008/EC:
Aerosol 1; H222 H229 / Skin Irrit. 2; H315 / Eye Irrit. 2; H319 / STOT SE 3; H335 / STOT SE 3; H336 / STOT SE 2; H371 / Aquatic Chronic 3; H412

2.2 **Label elements**

Classification according to 1272/2008/EC: Yes.
Applicable Exemptions: No.
Signal word(s): Danger
Component(s): contains Naphtha (petroleum), hydrotreated light

Hazard pictogram(s):



H - Phrases:

H222: Extremely flammable aerosol.
H229: Pressurised container: May burst if heated.
H315: Causes skin irritation.
H319: Causes serious eye irritation.
H335: May cause respiratory irritation.
H336: May cause drowsiness or dizziness.
H371: May cause damage to organs <or state all organs affected, if known> <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.
H412: Harmful to aquatic life with long lasting effects.

P - Phrases:

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.
P410+P412: Protect from sunlight. Do no expose to temperatures exceeding 50°C/122°F.
P260: Do not breathe dust/fume/gas/mist/vapours/spray.
P262: Do not get in eyes, on skin, or on clothing.
P301+P310: IF SWALLOWED: Immediately call a POISON CENTER/ doctor/…

Additional Markings:
EUH019: May form explosive peroxides.

The above mentioned labelling is valid for distribution to private consumer.

2.3 **Other hazards**

Materials should be tested for resistance. This mixture contains no substances which are assessed to be PBT or vPvB.

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SECTION 3: Composition/information on ingredients

3.1 **Substances**
n.ap.

3.2 **Mixtures**
Chemical Characterisation:
Aerosol
Dangerous Ingredients:

Material CAS - No. Index - No. EC - No. REACH - No. Hazard Code(s) / H - phrases	**m% - range**
Propan-2-ol 67-63-0 603-117-00-0 200-661-7 01-2119457558-25-xxxx Flam. Liq. 2; H225 / Eye Irrit. 2; H319 / STOT SE 3; H336	**0,5 – 2,5%**
Dimethoxymethane 109-87-5 n.av. 203-714-2 01-2119664781-31-xxxx Flam. Liq. 2; H225 / STOT SE 2; H371	**25 – 50%**
Naphtha (petroleum), hydrotreated light 64742-49-0 649-328-00-1 265-151-9 01-2119475133-43-xxxx (Carc. 1B; H350 / Muta. 1B; H340 / Asp. Tox. 1; H304) Anm. H, P; 4 Flam. Liq. 2; H225 / STOT SE 3; H336 / Aquatic Chronic 2; H411	**10 – 25%**

Text of H - phrases: see section 16
m% - range: x – y ≙ x ≥ – < y

SECTION 4: First aid measures

4.1 **Description of first aid measures**
4.1.1 **Inhalation:**
Remove from danger area and provide for fresh air. In the event of symptoms occurring, seek medical treatment.
4.1.2 **Skin Contact:**
Wash with soap and water. In the event of symptoms occurring, seek medical treatment.
4.1.3 **Eye Contact:**
Flush eyes out immediately with large amounts of water with eye lids lifted. If symptoms persist, consult physician.
4.1.4 **Ingestion:**
n.ap.
4.2 **Most important symptoms and effects, both acute and delayed**
headache, Confusion, dizziness.
4.3 **Indication of any immediate medical attention and special treatment needed**
Symptomatic treatment.

SECTION 5: Firefighting measures

5.1 **Extinguishing media**
5.1.1 **Suitable Extinguishing Media:**
Foam, dry chemicals, CO2.
5.1.2 **Extinguishing Media to Avoid:**
None.
5.2 **Special hazards arising from the substance or mixture**
In the case of fire, the following product(s) may form: Organic crackproducts and carbon oxides., inorganic dust
5.3 **Advice for firefighters**
5.3.1 **Special Protective Equipment:**
Wear positive pressure self-contained breathing apparatus. Wear full protective clothing.
5.3.2 **Additional Information:**
Cool containers at risk with water spray jet.

SECTION 6: Accidental release measures

6.1 **Personal precautions, protective equipment and emergency procedures**
See chapter 8.2.2
Provide sufficient ventilation. Keep away from sources of ignition.

6.2 **Environmental precautions**
Do not allow larger quantities to enter drainage. Inform responsible authorities in the case of accidental release of larger quantities.

6.3 **Methods and material for containment and cleaning up**
Dispose of absorbed material in accordance with the regulations.

6.4 **Reference to other sections**
None.

SECTION 7: Handling and storage

7.1 **Precautions for safe handling**

7.1.1 **Precautions for Safe Handling:**
Do not inhale aerosols. When using do not eat, drink or smoke. Remove contaminated, saturated clothing immediately. Wash hands before breaks and after work.

7.1.2 **Precautions in Case of Fire and Explosion:**
Vapours may form an explosive mixture with air. Keep away from sources of ignition, do not smoke.

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

7.2.1 **Storage Instructions:**
Provide sufficient ventilation.

7.2.2 **Store away from:**
Store away from oxidising agents.

7.2.3 **Further Information on Storage Conditions:**
Protect container from warming up and direct sunlight.

7.3 **Specific end use(s)**
n.av.

SECTION 8: Exposure controls/personal protection

8.1 **Control parameters**

Material	Limit Value
Propan-2-ol	AGW: 200 ppm | 500 mg/m³
Dimethoxymethane	AGW: 1000 ppm | 3200 mg/m³
Naphtha (petroleum), hydrotreated light	aGW: 1000 ppm | 3200 mg/m³

8.2 **Exposure controls**

8.2.1 **Appropriate engineering controls**
Application only when sufficient ventilated. Take precautionary measures against static discharges.

8.2.2 **Individual protection measures**

8.2.2a **Respiratory Protection:** If ventilation is insufficient, wear respiratory protection

8.2.2b **Hand Protection:** Gloves (solvent-resistant); Butyl, t > 1h
Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time.

8.2.2c **Eye Protection:** Goggles

8.2.2d **Skin Protection:** Light protective clothing

8.2.2e **Further Information:** Observe wearing time limits:

8.2.3 **Environmental exposure controls:**
n.av.

SECTION 9: Physical and chemical properties

9.1 **Information on basic physical and chemical properties**

9.1.1 **Form:** Aerosol **Colour:** colourless **Odour:** characteristic

Odour threshold: n.av.

9.1.2	pH-value, undiluted:	n.ap.
	pH-value, 1% aqueous solution:	n.ap.
9.1.3	Boiling point / Boiling - range (°C):	< 70, Melting point / Melting range (°C): n.av.
9.1.4	Flash point (°C):	< 21, closed cup
9.1.5	Flammability (EEC A10/A13):	n.av.
9.1.6	Ignition temperature (°C):	n.av.
9.1.7	Autoflammability (EEC A16):	n.ap.
9.1.8	Oxidising properties:	None.
9.1.9	Explosion hazard:	n.av.
9.1.10	Explosion limits (Vol.%) lower:	n.av., upper: n.av.
9.1.11	Vapour pressure:	n.av.
	Vapour density (Air = 1):	n.av.
9.1.12	Density (g/ml):	< 1
9.1.13	Solubility (in Water):	Partially miscible Soluble in: most organic solvents.
9.1.14	Partition coefficient, n-Octanol / Water:	n.av.
9.1.15	Viscosity:	n.av.
9.1.16	Solvent content (m %):	< 40
9.1.17	Thermal decomposition (°C):	n.ap.
9.1.18	Evaporation rate:	n.av.

9.2 **Other information**

n.av.

SECTION 10: Stability and reactivity

10.1 **Reactivity**

Because of the high vapour pressure, containers are liable to burst if temperature rises.

10.2 **Chemical stability**

May form explosive peroxides.

10.3 **Possibility of hazardous reactions**

No hazardous reactions known.

10.4 **Conditions to avoid**

Sparks, flames, static charge Formation of explosive gas / air mixtures.

10.5 **Incompatible materials**

Reactions with strong oxidising agents.

10.6 **Hazardous decomposition products**

No hazardous decomposition products known.

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SECTION 11: Toxicological information

11.1 **Information on toxicological effects**

Acute Health Effects:

Inhalation:	n.av.
Ingestion:	n.av.
Skin Contact:	n.av.
Skin corrosion / irritation:	Causes skin irritation.
Serious eye damage / irritation:	Causes serious eye irritation.
Respiratory or skin sensitisation:	n.av.
Germ cell mutagenicity:	n.av.
Carcinogenicity:	n.av.
Reproductive toxicity:	n.av.
STOT-single exposure:	May cause respiratory irritation. May cause drowsiness or dizziness. May cause damage to organs <or state all organs affected, if known> <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.
STOT-repeated exposure:	n.av.
Aspiration hazard:	n.av.

11.1.1 – 11.1.11 **Practical Experience**
n.av.

11.1.12 Practical Experience
Observations relevant for classification:
None.
Further Observations:
None.
Classification of the preparation has been done by calculation in accordance with EEC directives.

SECTION 12: Ecological information

12.1 **Toxicity**
Harmful to aquatic organisms.

12.2 **Persistence and degradability**
The product is biodegradable. The product is highly volatile and can be largely eliminated from the water by stripping.

12.3 **Bioaccumulative potential**
May cause long-term adverse effects in the aquatic environment.

12.4 **Mobility in soil**
n.av.

12.5 **Results of PBT and vPvB assessment**
This mixture contains no substances which are assessed to be PBT or vPvB.

12.6 **Other adverse effects**

12.6.1	COD-Value, mg/g:	n.av.
12.6.2	BOD5-Value, mg/g:	n.av.
12.6.3	AOX-Remarks:	Not relevant
12.6.4	Significant Components:	None.
12.6.5	Other adverse effects:	None.

SECTION 13: Disposal considerations

13.1 **Waste treatment methods**

13.1.1 Recommendation: D 10 / R 1

Waste - Code - No.: 16 05 05

The Waste code should be assigned in discussion between the user, the producer and the waste disposal company.

In addition comply with the regional authorities.

13.2 **Contaminated Packaging**

13.2.1 Recommendation: Wash with suitable cleaner. Otherwise as described under Residues. Packaging that cannot be cleaned should be disposed of as for product

13.2.2 Safe Handling: As described under Residues. Observe the usual precautionary measures for handling chemicals.

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SECTION 14: Transport information

	ADR	IMDG	IATA
14.1	**UN number**		
	1950	1950	1950
14.2	**UN proper shipping name**		
	UN 1950 Aerosols	Aerosols	Aerosols, flammable
14.3	**Transport hazard class(es)**		
	2 	2 	2.1 
14.4	**Packing group**		
	n.ap.	n.ap.	n.ap.
14.5	**Environmental hazards**		
		No.	
14.6	**Special precautions for user**		
	Transport category: 2 Classification Code: 5F Hazard - No.: n.ap. LQ: 1 L	F-D, S-U	Packing Instructions (Passenger) 203 Packing Instructions (Cargo) 203
14.7	**Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**		
		None.	

SECTION 15: Regulatory information

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

15.2 **Chemical safety assessment :**
n.ap.

SECTION 16: Other information

Text of H phases mentioned in Section 3
EUH019: May form explosive peroxides.
H225: Highly flammable liquid and vapour.
H304: May be fatal if swallowed and enters airways.
H315: Causes skin irritation.
H319: Causes serious eye irritation.
H336: May cause drowsiness or dizziness.
H411: Toxic to aquatic life with long lasting effects.

This datasheet has been compiled in accordance with EU regulation 2015/830.
The statements in this Material Safety Data Sheet were made to the best of our knowledge and are as accurate as possible. They are given for information only. They do not constitute a contractual guarantee of a product's properties. They must neither be altered nor transferred to other products.
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