

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 plastic glue
Article No.: 170492
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 Information Centre Specialising in Symptoms of
 Poisoning
 Telephone: +49-7723-651-0 (8:30 – 16:30) 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:
 Flam. Liq. 2; H225 / Eye Irrit. 2; H319 / STOT SE 3; H336 / 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 Acetone

Hazard pictogram(s):



H - Phrases:
 H225: Highly flammable liquid and vapour.
 H319: Causes serious eye irritation.
 H336: May cause drowsiness or dizziness.
 H412: Harmful to aquatic life with long lasting effects.

P - Phrases:
 P102: Keep out of reach of children.
 P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P301+P312: IF SWALLOWED: Call a POISON CENTER/doctor/.../if you feel unwell.

Additional Markings:
 EUH066: Repeated exposure may cause skin dryness or cracking. Attach tactile warning of danger.

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

- 2.3 **Other hazards**
 May soften plastics. 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:**

Mixture of solvents

Dangerous Ingredients:

Material	CAS - No.	Index - No.	EC - No.	REACH - No.	m% - range
Propylbenzene 103-65-1 Flam. Liq. 3; H226 / Asp. Tox. 1; H304 / STOT SE 3; H335 / Aquatic Chronic 2; H411		601-024-00-X	203-132-9	n.av.	0,5 – 2,5%
Mesitylene 108-67-8 Flam. Liq. 3; H226 / STOT SE 3; H335 / Aquatic Chronic 2; H411		601-025-00-5	203-604-4	01-2119463878-19-xxxx	0,5 – 2,5%
Cumene 98-82-8 Flam. Liq. 3; H226 / Asp. Tox. 1; H304 / STOT SE 3; H335 / Aquatic Chronic 2; H411		601-024-00-X	202-704-5	01-2119473983-24-xxxx	0,5 – 2,5%
Acetone 67-64-1 Flam. Liq. 2; H225 / Eye Irrit. 2; H319 / STOT SE 3; H336		606-001-00-8	200-662-2	01-2119471330-49-xxxx	12,5 – 25%
Isobutyl acetate 110-19-0 Flam. Liq. 2; H225		607-026-00-7	203-745-1	01-2119488971-22-xxxx	50 – 100%
1,2,4-Trimethylbenzene 95-63-6 Flam. Liq. 3; H226 / Acute Tox. 4 *; H332 / Eye Irrit. 2; H319 / STOT SE 3; H335 / Skin Irrit. 2; H315 / Aquatic Chronic 2; H411		601-043-00-3	202-436-9	01-2119472135-42-xxxx	5 – 12,5%
1,2,3-Trimethylbenzene 529-73-8 H226 / H335		n.av.	208-394-8	01-2119472135-42-xxxx	0,5 – 2,5%

Text of H - phrases: see section 16

m% - range: x – y \triangleq x \geq – < y**SECTION 4: First aid measures****4.1 Description of first aid measures****4.1.1 Inhalation:**

After inhalation of product / fumes of fire leave contaminated 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. If symptoms persist, consult physician.

4.1.3 Eye Contact:

Flush eyes out immediately with large amounts of water with eye lids lifted. Summon a doctor immediately.

4.1.4 Ingestion:

Do not cause vomiting. Rinse mouth out and drink plenty of water afterwards. In the event of symptoms occurring, seek medical treatment.

4.2 Most important symptoms and effects, both acute and delayed

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4.3 Indication of any immediate medical attention and special treatment needed

Symptomatic treatment.

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SECTION 5: Firefighting measures**5.1 Extinguishing media****5.1.1 Suitable Extinguishing Media:**

water spray jet 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:

None.

SECTION 6: Accidental release measures**6.1 Personal precautions, protective equipment and emergency procedures**

See chapter 8.2.2

Provide sufficient ventilation.

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 vapours. 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:

Keep away from sources of ignition Use approved explosion-proof equipment and non-sparking tools.

7.2 Conditions for safe storage, including any incompatibilities**7.2.1 Storage Instructions:**

Keep away from sources of ignition

7.2.2 Store away from:

Store away from oxidising agents.

7.2.3 Further Information on Storage Conditions:

None.

7.3 Specific end use(s)

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SECTION 8: Exposure controls/personal protection**8.1 Control parameters****Material**

Mesitylene

Cumene

Acetone

1,2,4-Trimethylbenzene

1,2,3-Trimethylbenzene

Limit ValueAGW: 20 ppm | 100 mg/m³, TWA: 20 ppm | 100 mg/m³AGW: 20 ppm | 100 mg/m³, TWA: 20 ppm | 100 mg/m³AGW: 500 ppm | 1200 mg/m³, TWA: 500 ppm | 1210 mg/m³AGW: 20 ppm | 100 mg/m³, TWA: 20 ppm | 100 mg/m³AGW: 20 ppm | 100 mg/m³, TWA: 20 ppm | 100 mg/m³**8.2 Exposure controls****8.2.1 Appropriate engineering controls**

Take precautionary measures against static discharges.

8.2.2 Individual protection measures**8.2.2a Respiratory Protection:** If ventilation is insufficient, wear respiratory protection Short term: filter apparatus, Filter A**8.2.2b Hand Protection:** Gloves (acid resistant).; Butyl, t > 20 min.
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:** viscous**Colour:** clear**Odour:** ester-like**Odour threshold:** n.av.**9.1.2 pH-value, undiluted:** n.av.

pH-value, 1% aqueous solution: n.av.

9.1.3 Boiling point / Boiling - range (°C): 56, Melting point / Melting range (°C): n.av.**9.1.4 Flash point (°C):** -5, closed cup**9.1.5 Flammability (EEC A10/A13):** n.av.**9.1.6 Ignition temperature (°C):** 427**9.1.7 Autoflammability (EEC A16):** No.**9.1.8 Oxidising properties:** No.**9.1.9 Explosion hazard:** n.av.**9.1.10 Explosion limits (Vol.%) lower:** 1,3, upper: 13**9.1.11 Vapour pressure:** 44,31

Vapour density (Air = 1): n.av.

9.1.12 Density (g/ml): < 1**9.1.13 Solubility (in Water):** insoluble Soluble in: hydrocarbons**9.1.14 Partition coefficient, n-Octanol / Water:** n.av.**9.1.15 Viscosity:** 19s (4mm)**9.1.16 Solvent content (m %):** > 80%**9.1.17 Thermal decomposition (°C):** n.av.**9.1.18 Evaporation rate:** n.av.**9.2 Other information**

n.av.

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SECTION 10: Stability and reactivity

- 10.1 **Reactivity**
None.
- 10.2 **Chemical stability**
Stable at normal temperature.
- 10.3 **Possibility of hazardous reactions**
No hazardous reactions known.
- 10.4 **Conditions to avoid**
Store in cool and dry place.
- 10.5 **Incompatible materials**
Reactions with strong oxidising agents.
- 10.6 **Hazardous decomposition products**
No dangerous decomposition products when properly handled.

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: | May cause skin irritation in susceptible persons. |
| Serious eye damage / irritation: | Causes serious eye irritation. |
| Respiratory or skin sensitisation: | None. |
| Germ cell mutagenicity: | None. |
| Carcinogenicity: | None. |
| Reproductive toxicity: | None. |
| STOT-single exposure: | May cause drowsiness or dizziness. |
| STOT-repeated exposure: | n.av. |
| Aspiration hazard: | n.av. |
- 11.1.1 – **Practical Experience**
- 11.1.11 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 slightly soluble in water. It can be largely eliminated from the water by abiotic processes, e.g. mechanical separation.
- 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: | n.ap. |
| 12.6.4 Significant Components: | None. |
| 12.6.5 Other adverse effects: | None. |

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SECTION 13: Disposal considerations**13.1 Waste treatment methods**

13.1.1 Recommendation: D 10 / R 1

Waste - Code - No.: 20 01 27

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.

SECTION 14: Transport information

	ADR	IMDG	IATA
14.1	UN number 1133	1133	1133
14.2	UN proper shipping name UN 1133 Adhesives	Adhesives	Adhesives
14.3	Transport hazard class(es) 3 	3 	3 
14.4	Packing group II	II	II
14.5	Environmental hazards	No.	
14.6	Special precautions for user Transport category: 3 Classification Code: F1 Hazard - No.: 33 LQ: 5 L	F-E, S-D	Packing Instructions (Passenger) 353 Packing Instructions (Cargo) 364
14.7	Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	None.	

SECTION 15: Regulatory information15.1 **Safety, health and environmental regulations/legislation specific for the substance or mixture**

n.av.

15.2 **Chemical safety assessment :**

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SECTION 16: Other information**Text of H phases mentioned in Section 3**

EUH066: Repeated exposure may cause skin dryness or cracking.

H225: Highly flammable liquid and vapour.

H226: Flammable liquid and vapour.

H304: May be fatal if swallowed and enters airways.

H315: Causes skin irritation.

H319: Causes serious eye irritation.

H332: Harmful if inhaled.

H335: May cause respiratory 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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