

## EP150-Stick-on

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**1. Identification****Product identifier**

EP150-Stick-on

UFI: 348E-UMKF-8EJP-G3M8

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

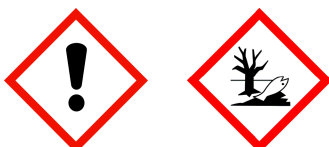
Contains: Adhesives, sealants

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

Company name: Hottinger Brüel & Kjaer  
Street: Im Tiefen See 45  
Place: D-64293 Darmstadt  
Telephone: +49 (0)6151 803-0  
Internet: www.hbm.com  
Responsible Department: support@hbm.com

**Emergency telephone number:** +49-30-18412-0**2. Hazard identification****Classification of the substance or mixture****Regulation (EC) No. 1272/2008**

Skin corrosion/irritation: Skin Irrit. 2  
Serious eye damage/eye irritation: Eye Irrit. 2  
Respiratory or skin sensitization: Skin Sens. 1  
Hazardous to the aquatic environment: Aquatic Chronic 2

**Label elements****Regulation (EC) No. 1272/2008****Signal word:** Warning**Pictograms:****Hazard statements**

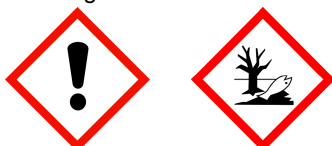
Causes skin irritation.  
May cause an allergic skin reaction.  
Causes serious eye irritation.  
Toxic to aquatic life with long lasting effects.

**Precautionary statements**

Avoid breathing dust/fume/gas/mist/vapours/spray.  
Wear protective gloves/protective clothing/eye protection/face protection.  
IF ON SKIN: Wash with plenty of water.

**Special labelling of certain mixtures**

Restricted to professional users.

**Labelling of packages where the contents do not exceed 125 ml****Signal word:** Warning**Pictograms:**

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**Hazard statements**

H317

**Precautionary statements**

P261-P280-P302+P352

**Other hazards**

No information available.

**3. Composition/information on ingredients****Mixtures****Hazardous components**

CAS No	Chemical name	Quantity
25068-38-6	reaction product: bisphenol-A-(epichlorhydrin); epoxy resin (number average molecular weight <= 700)	75 - < 80 %
80-08-0	dapsone; 4,4'-diamino diphenyl sulfone	15 - < 20 %

Full text of H statements: see section 16.

**Specific Conc. Limits, M-factors and ATE**

CAS No	EC No	Chemical name	Quantity
		Specific Conc. Limits, M-factors and ATE	
25068-38-6	500-033-5	reaction product: bisphenol-A-(epichlorhydrin); epoxy resin (number average molecular weight <= 700)	75 - < 80 %
		Skin Irrit. 2; H315: >= 5 - 100 Eye Irrit. 2; H319: >= 5 - 100	
80-08-0	201-248-4	dapsone; 4,4'-diamino diphenyl sulfone	15 - < 20 %
		oral: ATE = 500 mg/kg	

**4. First-aid measures****Description of first aid measures****General information**

Remove affected person from the danger area and lay down. If unconscious but breathing normally, place in recovery position and seek medical advice. First aider: Pay attention to self-protection!

**After inhalation**

Provide fresh air. In case of respiratory tract irritation, consult a physician.

**After contact with skin**

IF ON SKIN: Wash with plenty of soap and water. In case of skin reactions, consult a physician.

**After contact with eyes**

Rinse immediately carefully and thoroughly with eye-bath or water. In case of eye irritation consult an ophthalmologist.

**After ingestion**

May be harmful if swallowed. Call a doctor.

**Most important symptoms and effects, whether acute or delayed**

No information available.

**Indication of immediate medical attention and special treatment needed**

No information available.

**5. Fire-fighting measures****Extinguishing media****Suitable extinguishing media**

Water spray jet, Dry extinguishing powder, Foam

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**Unsuitable extinguishing media**

Full water jet

**Specific hazards arising from the hazardous product**

No information available.

**Special protective equipment and precautions for fire-fighters**

Wear a self-contained breathing apparatus and chemical protective clothing.

Co-ordinate fire-fighting measures to the fire surroundings.

**Additional information**

Use water spray jet to protect personnel and to cool endangered containers. Suppress gases/vapours/mists with water spray jet. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

**6. Accidental release measures****Personal precautions, protective equipment and emergency procedures****General measures**

Provide adequate ventilation. Avoid contact with skin, eyes and clothes. Use personal protection equipment.

Treat the recovered material as prescribed in the section on waste disposal. Provide adequate ventilation.

**Environmental precautions**

No special environmental measures are necessary.

**Methods and material for containment and cleaning up****Other information**

Take up mechanically, placing in appropriate containers for disposal.

**Reference to other sections**

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

**7. Handling and storage****Precautions for safe handling****Advice on safe handling**

If local exhaust ventilation is not possible or not sufficient, the entire working area should be ventilated by technical means.

**Advice on protection against fire and explosion**

No special technical protective measures are necessary.

**Further information on handling**

Wear personal protection equipment (refer to section 8). Do not empty into drains. When using do not eat, drink, smoke, sniff.

**Conditions for safe storage, including any incompatibilities****Requirements for storage rooms and vessels**

No special measures are necessary.

**Hints on joint storage**

TRGS 510

**Further information on storage conditions**

No special measures are necessary.

**8. Exposure controls/Personal protection****Control parameters**

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**Additional advice on limit values**

No information available.

**Exposure controls****Appropriate engineering controls**

If handled uncovered, arrangements with local exhaust ventilation should be used if possible.

**Protective and hygiene measures**

When using do not eat or drink. Do not breathe gas/fumes/vapour/spray.

After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water and soap. Wear suitable protective clothing, gloves and eye/face protection.

Draw up and observe skin protection programme.

**Eye/face protection**

Wear eye/face protection.

**Hand protection**

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. EN ISO 374

The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances.

Thickness of the glove material:  $\geq 0,7\text{mm}$ 

Suitable gloves type NBR (Nitrile rubber)

Breakthrough time:  $>480\text{ min}$ 

For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

**Skin protection**

Used working clothes should not be worn outside the work area. Separate storage of work clothes.

**Respiratory protection**

If handled uncovered, arrangements with local exhaust ventilation should be used if possible.

**Environmental exposure controls**

Do not allow to enter into surface water or drains.

**9. Physical and chemical properties****Information on basic physical and chemical properties**

Physical state:	solid	
Colour:	light brown	
Odour:	Adhesives, sealants	
pH-Value:		not determined
<b>Changes in the physical state</b>		
Melting point:		not determined
Boiling point or initial boiling point and boiling range:		not determined
Sublimation point:		not determined
Softening point:		not determined
Pour point:		not determined
not determined:		
Flash point:		252 °C

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Sustaining combustion: No data available

**Flammability**

Solid/liquid: not determined

Gas: not determined

**Explosive properties**

not determined

Lower explosive limits: not determined

Upper explosive limits: not determined

Auto-ignition temperature: not determined

**Self-ignition temperature**

Solid: not determined

Gas: not determined

Decomposition temperature: not determined

**Oxidizing properties**

not determined

Vapour pressure:  
(at 20 °C) not determinedVapour pressure:  
(at 50 °C) not determined

Density (at 20 °C): not determined

Bulk density: not determined

Water solubility: not determined

**Solubility in other solvents**

not determined

Partition coefficient n-octanol/water: not determined

Viscosity / dynamic: not determined

Viscosity / kinematic: not determined

Flow time: not determined

Relative vapour density: not determined

Evaporation rate: not determined

Solvent separation test: not determined

Solvent content: not determined

**Other information**

Solid content: not determined

No information available.

**10. Stability and reactivity****Reactivity**

No information available.

**Chemical stability**

The substance is chemically stable under recommended conditions of storage, use and temperature.

**Possibility of hazardous reactions**

No hazardous reaction when handled and stored according to provisions.

**Conditions to avoid**

No information available.

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**Incompatible materials**

No information available.

**Hazardous decomposition products**

No information available.

**11. Toxicological information****Information on toxicological effects****Acute toxicity**

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

CAS No	Chemical name				
	Route of exposure	Dose	Species	Source	Method
80-08-0	dapson; 4,4'-diamino diphenyl sulfone				
	oral	ATE 500 mg/kg			

**Irritation and corrosivity**

Causes skin irritation.

Causes serious eye irritation.

**Sensitizing effects**

May cause an allergic skin reaction. (reaction product: bisphenol-A-(epichlorhydrin); epoxy resin (number average molecular weight &lt;= 700))

**Carcinogenic/mutagenic/toxic effects for reproduction**

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

**STOT-single exposure**

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

**STOT-repeated exposure**

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

**Aspiration hazard**

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

**12. Ecological information****Ecotoxicity**

No information available.

**Persistence and degradability**

No information available.

**Bioaccumulative potential**

No information available.

**Mobility in soil**

No information available.

**Other adverse effects**

No information available.

**13. Disposal considerations****Waste treatment methods****Disposal recommendations**

Dispose of waste according to applicable legislation.

**14. Transport information**

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**Canadian TDG****Proper shipping name:** No dangerous good in sense of this transport regulation.**Marine transport (IMDG)****UN number:** No dangerous good in sense of this transport regulation.**United Nations proper shipping name:** No dangerous good in sense of this transport regulation.**Transport hazard class(es):** No dangerous good in sense of this transport regulation.**Packing group:** No dangerous good in sense of this transport regulation.**Air transport (ICAO-TI/IATA-DGR)****UN number:** No dangerous good in sense of this transport regulation.**United Nations proper shipping name:** No dangerous good in sense of this transport regulation.**Transport hazard class(es):** No dangerous good in sense of this transport regulation.**Packing group:** No dangerous good in sense of this transport regulation.**Environmental hazards**

ENVIRONMENTALLY HAZARDOUS: No

**15. Regulatory information****Canadian regulations****16. Other information****Changes**

This data sheet contains changes from the previous version in section(s): 3.

**Classification for mixtures and used evaluation method according to GHS**

Classification	Classification procedure
Skin Irrit. 2; H315	Calculation method
Eye Irrit. 2; H319	Calculation method
Skin Sens. 1; H317	Calculation method
Aquatic Chronic 2; H411	Calculation method

**Relevant H statements (number and full text)**

H302	Harmful if swallowed.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H411	Toxic to aquatic life with long lasting effects.

*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*