

Safety data sheet

according to Regulation (EC) No 1907/2006 (REACH)

Trade name: Hot melt type glue

Metabo no. : 630886000

Version / Language: 1.1 / EN

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Date: 03.11.2021



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

1.1 Product identifier

Product form: Mixture
Trade name: Hot-melt type glue
Product type: Lubricating oil
Product group: Hotmelt adhesive

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

Relevant identified uses

Commercial use, consumer use

Uses advised against

None

1.3 Details of the supplier providing the safety data sheet.

Metabowerke GmbH

Metabo Alley 1

D-72622 Nürtingen

Phone: +49 (0) 7022 - 72 0

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Web: <https://www.metabo.com>

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1.4 Emergency number

GBK GmbH (24 h): +49 (0)6132-84463

SECTION 2: Possible dangers

2.1 Classification of the substance or mixture

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

The mixture is not classified as dangerous according to Regulation (EC) No 1272/2008 [GHS].

2.2 Labelling elements

Labelling in accordance with Regulation (EC) No 1272/2008 [CLP].

None

Additional sets, additional labelling

2.3 Other hazards

Burn hazard with hot, melted product. Decomposition products: see chapter 10

This mixture does not contain any substances classified as PBT or vPvB substances.

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SECTION 3: Composition / information on ingredients

3.1 Fabrics

Not applicable

3.2 Mixtures

Hazardous ingredients

None

Additional hints

For the wording of the listed hazard statements, see section 16.

This mixture does not contain any substances which fulfil the criteria of the hazard class "acute toxicity" according to the CLP Regulation.

Occupational exposure limits, where available, are given in section 8.

SECTION 4: First aid measures

4.1 Description of the first aid measures

In case of eye contact

Rinse immediately with plenty of water, also under the eyelids. Seek medical advice.

Inhalation

Not applicable.

In case of skin contact

After contact with the melted product, immediately cool the affected skin area with cold water and consult a doctor. Do not peel off solidified product from the skin, as the injured skin is extremely sensitive.

In case of ingestion

If the product is swallowed, it should not be too

This may cause damage to health. Seek medical advice if symptoms occur.

4.2 Most important symptoms and effects, both acute and delayed

Signs / symptoms of overexposure

No further information.

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4.3 Indications for immediate medical help or special treatment

Notes for the doctor

Treat symptomatically.

SECTION 5: Fire fighting measures

5.1 Extinguishing agent

Suitable extinguishing agents

Extinguishing agents and fire-fighting measures must be adapted to the surrounding fire.

Unsuitable extinguishing agents

None

5.2 Special hazards arising from the substance or mixture

Hazards arising from the substance or mixture

Fire hazard:

The smoke released in the event of a fire can, in addition to the initial product, potentially contain combustion products with a tolerable toxic and/or irritant composition.

Hazardous combustion products

Carbon dioxide, carbon monoxide, nitrogen oxides, aldehydes, ketones and hydrocarbons

5.3 Advice for firefighters

Special protective equipment for fire fighting

Put on breathing apparatus insulating from the surrounding air and wear protective clothing (firefighter's helmet, protective coat, protective trousers, firefighter's protective boots and protective gloves). If such equipment is not available, fight the fire from a protected place or from a safe distance.

Additional notes:

Keep uninvolved persons away. Use water to prevent re-ignition. If the product has melted, extinguish the melt preferably with a fine water spray. Do not use a direct water jet.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Emergency measures: Use personal protective clothing. Special slip hazard due to leaked/spilled product.

6.2 Environmental protection measures

Avoid release into the environment.

6.3 Methods and material for retention and cleaning

Clean-up procedure: Sweep up material, collect and dispose of according to applicable regulations. For further information, see section 13 "Disposal instructions".

6.4 Reference to other sections

For further information on disposal, see section 13.

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SECTION 7: Handling and storage

The information in this section contains general advice and guidance

7.1 Protective measures for safe handling

Protective measures:

Avoid inhalation of possible dusts; container keep tightly closed. Wash hands thoroughly after use.

Hygiene measures:

Do not eat, drink or smoke when using. Always wash hands after handling the product. Remove contaminated, soaked clothing immediately.

7.2 Conditions for safe storage taking into account incompatibilities

Store in a dry place and protect from direct sunlight.

7.3 Specific end uses

Recommendations

No further information available.

SECTION 8: Exposure controls / Personal protective equipment

The information in this section contains general advice and guidance. Information provided is based on typical anticipated uses of the product. Additional measures may be required for handling large quantities or other uses that may significantly increase worker exposure or release to the environment.

8.1 Parameters to be monitored

Occupational exposure limit values

The product does not contain relevant quantities of substances with limit values that require monitoring at the workplace.

8.2 Exposure controls and monitoring

Suitable technical control devices

Ensure good ventilation of the workplace.

Other protective measures

The usual precautions when handling chemicals must be observed.

Eye/face protection

Use safety goggles that protect against splashes of molten material. Do not wear contact lenses.

Skin and body protection

Wear clothing that covers the surface of the skin and withstands the temperature at which the product is applied.

Hand protection

Use protective gloves to avoid burns.

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Breathing protection

Not necessary with good room ventilation.

Limitation and monitoring of environmental exposure

Avoid release into the environment.

SECTION 9: Physical and chemical properties

9.1 Information on the basic physical and chemical properties

Appearance

Physical state:	Solid
Colour:	Colourless
Odour:	Odour not defined in molten state
Odour threshold:	Not determined
pH value:	Not available
Melting point / freezing point:	120 °C
Initial boiling point and boiling range:	Not available
Flash point:	Not available
Ignition temperature:	> 200 °C
Vapour pressure:	Not available
Vapour density:	Not available
Relative density:	Not available
Density:	0.89 g/cm ³
Solubility(ies):	Insoluble in water
Partition coefficient n:	Not available
Decomposition temperature:	> 250 °C
Viscosity:	Not available
Solvent content (% by weight)	Not available
Evaporation number	Not available

9.2 Other information

There is no information available.

SECTION 10: Stability and reactivity

10.1 Reactivity

None

10.2 Chemical stability

There is no information available.

10.3 Possibility of hazardous reactions

There is no information available.

10.4 Conditions to avoid

The product decomposes at elevated temperatures (> 260 °C). Protect from direct sunlight.

10.5 Incompatible materials

None

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10.6 Hazardous decomposition products

The smoke released in the event of a fire can, in addition to the initial product, potentially Combustion products with variable, toxic and/or irritant composition include. Carbon dioxide (CO₂), carbon monoxide (CO), nitrogen oxides (NO_X), aldehydes, ketones and hydrocarbons.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Inhale

At room temperature, exposure to

Vapours minimal due to low volatility rate. Vapours from the heated product may cause respiratory irritation. The LC₅₀ has not been determined.

Ingestion

Low toxicity if swallowed. May cause respiratory distress if swallowed. The LD₅₀ has not been determined.

Skin contact

In case of absorption through the skin, no harmful effects are to be expected. The dermal LD₅₀ was not determined.

Corrosive/irritant effect on the skin

Not classified

Severe eye damage / irritation

Not classified

Sensitisation of the respiratory tract / skin:

The product should not cause allergic skin reactions.

Germ cell mutagenicity

Not classified

Carcinogenicity

Not classified

Reproductive toxicity

Not classified

Specific target organ toxicity at single exposure:

Not classified

Specific target organ toxicity in case of repeated exposure

Not classified

Aspiration hazard

Not classified

Information on other hazards

No further information available

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SECTION 12: Environmental information

12.1 Toxicity

No toxicity was observed.

However, the product in platelet form can, due to mechanical action, become (ingestion of the platelets) have a harmful effect on birds and aquatic fauna.

12.2 Persistence and degradability

Biodegradation is not expected.

12.3 Bioaccumulative potential

No further information available.

12.4 Mobility in soil

When introduced into the terrestrial environment, the product is expected to remain in the soil; in the aquatic environment it should float on the water surface.

12.5 Result of the PBT and vPvB assessment

No further information available.

12.6 Endocrine disrupting properties

No further information available.

12.7 Other adverse effects

No further information available.

SECTION 13: Handling and storage

The information in this section provides general advice and guidance. The list of identified uses in section 1 should be consulted for any application-specific information in the exposure scenario(s).

13.1 Waste treatment process

Dispose of in accordance with national and local regulations. Do not allow to enter waters, drains or soil.

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SECTION 14: Transport information

14.1 to 14.5

According to ADR / IMDG / IATA not a dangerous good in the sense of the transport regulations.

14.6 Special precautions for the user

There is no information available.

14.7 Carriage in bulk by sea in accordance with IMO instruments.

Not applicable.

SECTION 15: Legislation

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

EC Regulation (EC) No 1907/2006 (REACH)

Annex XIV- List of substances subject to authorisation

No restrictions.

Substances of very high concern

No restrictions.

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

No restrictions.

Restrictions on manufacture, placing on the market and use

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Other EU provisions

Industrial emissions (integrated pollution prevention and control) - Air

No restrictions.

Industrial emissions (integrated pollution prevention and control) - Water substances

No restrictions.

Ozone-depletable substances (1005/2009/EU)

No restrictions.

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

No restrictions.

Storage class (TRGS 510)

No restrictions.

Water hazard class

No restrictions.

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

No restrictions.

15.2 Chemical Safety Assessment

A chemical safety assessment has not been carried out

SECTION 16: Other notes

16.1 Notes on changes

None.

16.2 Abbreviations and acronyms

ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
CAS no.	Chemical Abstract Service - Number
CLP	Regulation on classification, labelling and packaging [Regulation (EC) No 1272/2008].
DMEL	Derived exposure level with minimal impairment
DNEL	Derived exposure level without impairment
EC no.	European Community Number
EN	European Standard
EUH rate	CLP-specific hazard statement
GHS	Globally Harmonized System of Classification and Labeling of Chemicals
IARC	International Agency for Cancer Research
IATA	Association for International Air Transport
IMDG	Dangerous goods regulations for international maritime transport
PBT	Persistent, bioaccumulative and toxic substance

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PNEC	Estimated non-effect concentration
REACH	Registration, Evaluation, Authorization and Restriction of Chemicals
MSDS	Safety data sheet
TRGS	Technical rules for hazardous substances
vPvB	Very persistent and very bioaccumulative

16.3 Important literature references and data sources

No information.

16.4 Classification of mixtures and assessment method used according to Regulation (EC) No 1207/2008 [CLP].

No information.

16.5 Wording of H and EUH phrases (number and full text)

No information.

16.6 Full text of the classifications [CLP/GHS].

No information.

Note for the reader

To the best of our knowledge, the information contained herein is correct. However, neither the above-mentioned manufacturer nor its subsidiaries assume any liability with regard to the correctness or completeness of the information provided. A final determination of the suitability of individual materials is the sole responsibility of the user. All materials may involve unknown risks and should be used with caution. While certain risks are described herein, we cannot guarantee that these are the only possible risks.