

SAFETY DATA SHEET

according to 91 / 155 / EU

metabo[®]

REFERENCE: **Hot-melt type adhesive 6.30886**

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Version 5

DATE 24/09/2011

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY

IDENTIFICATION OF GLUE

Type: **Hot-melt type adhesive 6.30886**

SUPPLIER: Metabowerke GmbH, Metabo-Allee-1, 72622 Nürtingen, Germany

Emergency tel. number: 33 - 3 84 52 68 52

2. HAZARD IDENTIFICATION

Classification of the mixture : In accordance with Directive 67/548/EGS (DSD)
Not classified as dangerous mixture

Label elements : no

Other hazards no

3. COMPOSITION / INFORMATION ON INGREDIENTS

| Substance | Conc. % | Indeks No. | REACH No | CAS No | Classification: 67/548/EGS |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|------------|-----------------------------|------------|----------------------------|
| hydrogenated petroleum resin | 25-50 | | 05 2117067201 56-0000 | 69430-35-9 | Not classified |
| The preparation does not contain any components that have to be reported as dangerous. It is not considered to present any hazards when processed according to correct working procedures. | | | | | |

4. FIRST AID

Inhalation: In case of inhalation of fumes from excessive heating or large-scale combustion, go out immediately into open air.

Skin contact: Cool skin quickly using cold water after contact with melted glue. Do not scrape the glue off skin. Call the doctor.

Eyes: If in contact with the eyes, wash immediately in plenty of water and consult an eye specialist.

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5. FIRE-FIGHTING

Appropriate extinguisher: Carbon dioxide (CO₂), dry powder, foam, water

Special protection for fire-fighters: In case of fire, it is recommended to have the personnel wear self-contained breathing apparatus and eye protection goggles. Also see paragraphs 4 and 10.

6. ACCIDENTAL SPILLAGE

This product presents itself in solid form at ordinary room temperature.

Individual precautions : None

Environmental precautions : The granules may provoke a risk of slipping; recuperate the product and place in appropriate containers for its recycling or its destruction.

7. HANDLING AND STORAGE

HANDLING

Handling practice/precautions:

Solid state: none in normal handling conditions.

Simply wash hands before breaks and at the end of the work day.

Melted state: when contact with the melting glue is possible, it is recommended to wear heat

resistant gloves, arm protections and a facial protection mask. It is furthermore recommended to ventilate the workshop where glue is used with an aspirating instrument in order to control gas emissions near melter.

STORAGE

Storage practice / storage conditions:

- Storage conditions : closed in its wrapping, away from light and at temperatures of no more than 30 °C.

- Incompatible products: none

- Packaging materials: none

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limit values: none

Exposure controls: none

Respiratory protection: Use in well ventilated working areas or provide appropriate exhaust ventilation at machinery (vapours released by overheating the preparation)

Eye protection: safety glasses (against hot-melted preparation)

Skin protection: protective gloves (against hot-melted preparation)

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9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|----------------------------|-----------------------------|
| Appearance: | Solid |
| Form: | Stick, granules |
| Colour: | clear white |
| Odour: | Ester |
| pH-value: | Not applicable |
| Melting point / range: | abt. 110 °C |
| Decomposition temperature: | > 200 °C |
| Flash point: | > 200 °C |
| Danger of explosion: | Not applicable |
| Specific gravity: | abt. 0,98 g/cm ³ |

10. STABILITY AND REACTIVITY

| | |
|-----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conditions to avoid: | Temperatures above 230 °C (short exposure) Temperatures above 204 °C (long exposure) |
| Dangerous reactions (incompatibility) | strong oxydants |
| Hazardous decomposition products: | Vinyl acetate, aldehydes, acetic acid, carbon dioxyde, carbon monoxyde |
| Further Information: | Dangerous fumes may be given off above 204 °C. Exposure to these fumes may cause the eyes to redden, weep and sting and cause pain in the nose and throat as well as coughing. |

11. TOXICOLOGICAL INFORMATION

Respiratory tracts : no risk at room temperature. Some fumes can form at elevated temperatures, and can irritate eyes and breathing tracts.
Skin : no risk at room temperature. The melting product can give burns.
Ingestion: Minimal toxic effect.

12. ECOLOGICAL INFORMATION

| | |
|--------------------------------|--------------------------------------------------------------|
| Mobility: | limited mobility-solid state preparation, insoluble in water |
| Persistence and degradability: | No data available |
| Bioaccumulation: | No data available |
| Other adverse effects: | No data available |

13. DISPOSAL

| | |
|------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Disposal of residues/ products not used: | Like most hotmelt glues, the glue can be recycled. Whenever possible, recycling is preferable to disposal or incineration. Can be disposed of at disposal sites or incinerated, if local regulations permit. |
| Contaminated packaging: | Cardboard boxes can be sent to local recycling companies. |

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14. INFORMATION FOR NON STATUTORY TRANSPORT

Non dangerous product so far as transport regulations are concerned.

15. REGULATORY INFORMATION

Safety, health and environmental regulation/legislation specific for the substance or mixture:
Not subject to special provisions

Chemical safety assessment: Not yet completed

16. OTHER INFORMATION

The content of this MSDS is in accordance with REACH regulation 1907/2006.

The information contained in this safety sheet has been drawn up on the basis of our knowledge at the date of publication. This information is given for guidance only in order to provide satisfactory safety conditions for handling, manufacturing, storage, transport, distribution, preparation, use and disposal, and should not, therefore, be interpreted as a guarantee or considered to be quality specifications. This information applies only to the product specifically named and, unless otherwise stated, is not applicable if said product is mixed with other substances or used for other manufacturing processes.