

# Material Safety Data Sheet

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

GIERSE Handelsges. mbH

page 1/3

Revision Date: 26 September 2008

Trade Name: **GIRAL Splicer Glue NH 18/3 Powder**

## 01. Identification of the substance/preparation and company:

Product Name (English): GIRAL Splicer Glue NH 18/3 Powder

Product Name (German): GIRAL Fugenleim NH 18/3 Pulver

Product Type: UF Resin Powder, modified

REACH registration No.:

Application: Veneer Splicing

**Supplier:** GIERSE Handelsges. mbH

Gildestraße 25

D-33442 Herzebrock-Clarholz

Tel. +49 / 5245 / 8417-0, outside of the business hours: 0172-7242147

Fax +49 / 5245 / 8417-17

E-Mail (competent person): [m.gierse@giral-leim.de](mailto:m.gierse@giral-leim.de)

## 02. Hazards identification:

- Do not inhale dust.
- May cause sensibilisation by skin contact.

According to test results, the substance should not be considered hazardous. The risks deriving from formaldehyde should however be taken into account.

Formaldehyde is a powerful irritating agent for eyes, skin and respiratory tract. Continuous exposures to formaldehyde could engender chronical respiratory disease.

## 03. Composition/Information on Ingredients:

Powdery, modified poly-condensation product based on urea and formaldehyde.

The powder resin contains:

CAS-N°	Description	Concentration	Classification	Risk phrases
50-00-0	Formaldehyde	< 1,0 %	T	R 23/24/25-34-40-43

### Identification Numbers:

EEC-N°.: 200-001-8 Formaldehyde

INDEX-N°.: 605-001-5 Formaldehyde

## 04. First aid measures:

After eye contact:

- Rinse opened eye for 15 minutes under running water; in case of continuing irritation consult a medical specialist.

After skin contact:

- Wash skin exposed to contact thoroughly with flushing water and soap.

After ingestion:

- Immediately rinse mouth with water. If swallowing has occurred, drink plenty of water and consult a specialist by reporting the components under chapter 2.

After inhalation:

- Remove the victim from the polluted area and keep him into fresh air. Consult a specialist if necessary.

## 05. Fire fighting measures:

Qualified medium:

- Atomized foam, carbon dioxide or powder extinguishers.

Unqualified medium:

- Water, nebulized water

Special hazards of the product, it's products of combustion or forming vapours:

- When heated to decomposition, the product can emit: Carbon monoxide (CO), Carbon dioxide (CO<sub>2</sub>), Formaldehyde.

Special protection requirements:

- During fire fighting an environment-independent respirator is recommended.

# Material Safety Data Sheet

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

GIERSE HandelsGES. mbH

page 2/3

Revision Date: 26 September 2008

Trade Name: **GIRAL Splicer Glue NH 18/3 Powder**

## 06. Accidental release measures:

- Personal precaution:
- Goggles and protective gloves are recommended. In case of forming of dust wear a protective mask (filter P 3).
  - Thoroughly air out the contaminated area.
- Environmental protection measures:
- Major spillages should be prevented from entering drains or watercourses. Powdery product should be swept and absorbed. Solved/liquid product should be contained and absorbed with sand or sawdust.
- Procedure of cleaning/absorption:
- Little spillages should be rinsed with plenty of water. Contain greater amounts in closed containers.

## 07. Handling and storage:

- Handling:**
- The processing area should be well-ventilated.
  - Avoid the forming of dust.
  - Dust may form explosive vapours with the air.

**Storage:**

- Requirements to storehouses and containers:
- Keep bags tight close and dry. Powder resin is hygroscopic.

## 08. Exposure controls and personal protection:

Additional information for the design of technical installations:

- see chapter 7

The suggested exposure limits in working places are:

CAS N°	designation of product	type	value	unit
50-00-0	Formaldehyde	MAK	0,5	ppm

- General measures for protection and hygienics:
- Usual measures of precaution for the handling of chemicals should be observed.
  - Remove contaminated clothing.
  - Avoid skin and eye contact.
  - Clean and attend skin after work.
  - Do not smoke, eat or drink in the working places.
- Breath protection:
- In case of forming dust wear breathing mask (type P 3).
- Hand protection:
- Protective gloves.
- Eye protection:
- Use caulk goggles while handling the powder resin.
- Body protection:
- No particular protection required.

## 09. Physical and chemical properties:

Form (25° C):	powder
Colour:	cream-white
Odour:	slightly
Decomposition:	>230° C
Flash point:	>200° C
Auto-ignition temperature:	not determined
Ignition temperature:	ca. 440° C
Fire increasing characteristics:	not determined
Danger of explosion:	not explosive
Vapour pressure:	not determined
Solubility in water:	limitedly mixable
Density (20° C):	530 kg/m <sup>3</sup>
pH value: (500 g/l, 20° C)	5,0 - 5,5
Viscosity: (20° C)	not determined
Content of solvent:	not determined

# Material Safety Data Sheet

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

GIERSE HandelsGES. mbH

page 3/3

Revision Date: 26 September 2008

Trade Name: **GIRAL Splicer Glue NH 18/3 Powder**

## 10. Stability and reactivity:

- |                                      |  |
|--------------------------------------|--|
| Conditions to be avoided:            | - See chapter 7 (Handling and storage).              |
| Materials to be avoided:             | - See chapter 3 (Hazards identification).            |
| Dangerous products of decomposition: | - Do not occur if working instructions are observed. |

## 11. Toxicological information:

- |                                |   |
|--------------------------------|---|
| Acute toxicity:                | - Derived from products with similar composition:<br>LD 50 oral (rat):> 10000 mg/kg.  |
| Subcutaneous/chronic toxicity: | - In case of contact to skin products with separateable formaldehyde might be sensibilizing to skin.                                  |
| Experiences with human beings: | - Substances of similar composition with separateable formaldehyde may result in sensibilisation of skin when contact is intensively. |

## 12. Ecological information:

Glue should be prevented from entering drains or watercourses.

## 13. Disposal considerations:

Empty bags completely. Let small remainders of the liquid resin harden and dispose according to Local Authority.

## 14. Transport information:

Land transport ADR/RID and GGVS/GGVE (cross-border/domestic)

- ADR/RID-GGVS/E Class: - -, -

Maritime transport IMDG/GGVSea:

- Marine pollutant: - No

Transport/Additional information: - Not dangerous according to the above specifications.

## 15. Regulatory information:

Designation according to

EC guidelines:

R phrases: R 43

S phrases: S 23

S 26

S 37

S 51

- Xi irritating
- May cause sensitization by skin contact.
- Vapours should not be inhaled.
- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- Wear suitable gloves.
- Use only in well-ventilated areas.

The preparation contains formaldehyde; the risks deriving from this substance are therefore to be taken into account during the handling.

## 16. Other information:

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.