



## Safety data sheet according to 1907/2006/EC, Article 31

Printing date 23.07.2021

Version number 5

Revision: 22.07.2021

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

#### - 1.1 Product identifier

- Trade name: **GD 116 NA - Komp.A (art.-no. R033S2C-03)**

- Article number: R033S2C-03

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

No further relevant information available.

- Application of the substance / the mixture Sealant

#### - 1.3 Details of the supplier of the safety data sheet

##### - Manufacturer/Supplier:

Kömmerling Chemische Fabrik GmbH  
Zweibrücker Straße 200  
D-66954 Pirmasens  
Tel.: +49 (0)6331/56-2000  
www.koe-chemie.de

##### - Informing department:

Abteilung: EU Regulatory Engineering Adhesives  
(department: EU Regulatory Engineering Adhesives)  
E-Mail: msds.koe@hbfuller.com

#### - 1.4 Emergency telephone number:

In case of poisoning:  
GBK-EMTEL International  
Tel.(24h): +49(0)6132/84463 (all languages)

In case of transport accidents:

Tel.(24h): (001) 352 323 3500 (Infotrac - Contract ID: 90373 / GBK)

### SECTION 2: Hazards identification

#### - 2.1 Classification of the substance or mixture

##### - Classification according to Regulation (EC) No 1272/2008

Lact. H362 May cause harm to breast-fed children.

Aquatic Acute 1 H400 Very toxic to aquatic life.

Aquatic Chronic 1 H410 Very toxic to aquatic life with long lasting effects.

- **Additional information:** The classification resulted from the calculation method of CLP-regulation.

#### - 2.2 Label elements

##### - Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the CLP regulation.

##### - Hazard pictograms



GHS09

(Contd. on page 2)

GB



## Safety data sheet

### according to 1907/2006/EC, Article 31

Printing date 23.07.2021

Version number 5

Revision: 22.07.2021

**Trade name: GD 116 NA - Komp.A (art.-no. R033S2C-03)**

(Contd. of page 1)

- **Signal word** Warning
- **Hazard-determining components of labelling:**  
alkanes, C14-17, chloro
- **Hazard statements**  
H362 May cause harm to breast-fed children.  
H410 Very toxic to aquatic life with long lasting effects.
- **Precautionary statements**  
P263 Avoid contact during pregnancy and while nursing.  
P273 Avoid release to the environment.  
P280 Wear protective gloves.
- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

### SECTION 3: Composition/information on ingredients

- **3.2 Chemical characterisation: Mixtures**
- **Description:** Mixture of several substances

**- Dangerous components:**

CAS: 68611-50-7	polysulfide Aquatic Chronic 3, H412	23-30%
CAS: 85535-85-9 EINECS: 287-477-0 Reg.nr.: 01-2119519269-33-xxxx	alkanes, C14-17, chloro Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Lact., H362	<23%

**- SVHC**

CAS: 85535-85-9 | alkanes, C14-17, chloro

- **Additional information** For the wording of the listed hazard phrases refer to section 16.

### SECTION 4: First aid measures

- **4.1 Description of first aid measures**
- **After inhalation** Supply fresh air; consult doctor in case of complaints.
- **After skin contact**  
Treat affected skin with cotton wool or cellulose. Then wash and rinse thoroughly with water and a mild cleaning agent.
- **After eye contact** Rinse opened eye for several minutes under running water. Then consult doctor.
- **After swallowing** Call a doctor immediately.
- **4.2 Most important symptoms and effects, both acute and delayed**  
No further relevant information available.
- **4.3 Indication of any immediate medical attention and special treatment needed**  
No further relevant information available.

GB

(Contd. on page 3)



## Safety data sheet according to 1907/2006/EC, Article 31

Printing date 23.07.2021

Version number 5

Revision: 22.07.2021

**Trade name: GD 116 NA - Komp.A (art.-no. R033S2C-03)**

(Contd. of page 2)

### SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents**
  - Water spray
  - Alcohol-resistant foam
  - Fire-extinguishing powder
  - Carbon dioxide
- **For safety reasons unsuitable extinguishing agents** Water with full jet.
- **5.2 Special hazards arising from the substance or mixture**
  - Formation of toxic gases is possible during heating or in case of fire.
- **5.3 Advice for firefighters**
- **Protective equipment:** Wear self-contained respiratory protective device.

### SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**
  - Ensure adequate ventilation
- **6.2 Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **6.3 Methods and material for containment and cleaning up:** Pick up mechanically.
- **6.4 Reference to other sections**
  - See Section 7 for information on safe handling
  - See Section 8 for information on personal protection equipment.
  - See Section 13 for disposal information.

### SECTION 7: Handling and storage

- **7.1 Precautions for safe handling** Use only in well ventilated areas.
- **Information about protection against explosions and fires:**
  - No special measures are required when processing in the specified normal way. Keep in mind the product's thermal load when in storage!
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage**
- **Requirements to be met by storerooms and receptacles:** Prevent any seepage into the ground.
- **Information about storage in one common storage facility:** Store away from foodstuffs.
- **Further information about storage conditions:**
  - Protect from frost.
  - Keep receptacle tightly sealed.
  - Protect from heat and direct sunlight.
  - Store receptacle in a well ventilated area.
  - Store in dry conditions.
- **Storage class (according german VCI-concept):** 13
- **7.3 Specific end use(s)** No further relevant information available.

GB

(Contd. on page 4)



## Safety data sheet according to 1907/2006/EC, Article 31

Printing date 23.07.2021

Version number 5

Revision: 22.07.2021

**Trade name: GD 116 NA - Komp.A (art.-no. R033S2C-03)**

(Contd. of page 3)

### SECTION 8: Exposure controls/personal protection

#### - 8.1 Control parameters

- **Additional information about design of technical systems:** No further data; see item 7.

#### - **Components with limit values that require monitoring at the workplace:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

#### - **Additional information:**

The homogenous mixing of this product is safeguarded by continual physical testing. Raw materials which formerly had dust-like properties are completely incorporated into the liquid / paste-like mass. Subsequently, possible TLVs for solid substances are not given, as there is no more danger of inhaling these substances (when dealing with this mixture)!

#### - 8.2 Exposure controls

##### - **Personal protective equipment**

##### - **General protective and hygienic measures**

The usual precautionary measures should be adhered to when handling chemicals.

Keep away from foodstuffs, beverages and feed.

Wash hands before breaks and at the end of the work.

- **Breathing equipment:** Not necessary if room is well-ventilated.

##### - **Protection of hands (DIN EN 420):**

Direct contact with the chemical preparation must be avoided by organizational measures. Apply skin protectant before working with gloves to avoid skin swellings and use a skin cleansing and skincare product after the work.

Compliance with the stated penetration time (starts with the first product contact) must be ensured!

The gloves need to be disposed of after the penetration time and new gloves used!

##### - **For the permanent contact gloves made of the following materials are suitable:**

If longer exposure to the chemical preparation is necessary, a sturdy overglove against mechanical strain is recommended in combination with the "Barrier 02-100" underglove from Ansell (penetration time 480 min).

##### - **For the permanent contact of a maximum of 15 minutes gloves made of the following materials are suitable:**

Butyl rubber (0.7mm - penetration time 15 min)

##### - **As protection from splashes gloves made of the following materials are suitable:**

Recommended for protection from splashes: disposable nitrile gloves (minimum thickness 0.12 mm) with long cuffs. After contact with the chemical preparation, take the disposable nitrile glove off immediately and put on a new disposable nitrile glove.

- **Eye protection:** Safety glasses recommended if direct contact (with the product) may occur.

### SECTION 9: Physical and chemical properties

#### - 9.1 Information on basic physical and chemical properties

##### - **General Information**

##### - **Appearance:**

**Form:**

Pasty

Penetrometer test according ADR 2.3.4.3

Test result: solid (penetration after 5s < 15mm)

**Colour:**

Light brown

(Contd. on page 5)



## Safety data sheet

### according to 1907/2006/EC, Article 31

Printing date 23.07.2021

Version number 5

Revision: 22.07.2021

Trade name: **GD 116 NA - Komp.A (art.-no. R033S2C-03)**

(Contd. of page 4)

- <b>Odour:</b>	Characteristic
- <b>Change in condition</b> Initial boiling point and boiling range:	Not applicable
- <b>Flash point:</b>	Not applicable
- <b>Ignition temperature:</b>	Not determined
- <b>Explosion limits:</b> Lower: Upper:	Not determined Not determined
- <b>Vapour pressure at 20 °C:</b>	<100 hPa
- <b>Specific gravity:</b>	see Product Information
- <b>Solubility in / Miscibility with Water:</b>	Insoluble
- <b>Solvent content:</b> VOC (EU): VOC (EU): VOC (CH):	0.0 g/l 0.00 % 0.00 %
- <b>9.2 Other information</b>	No further relevant information available.

### SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:**  
No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions**  
Reacts with acids  
Reacts with alkali (lyes)  
Reacts with strong oxidizing agents
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:**  
In case of fire, the following substance(s) may occur:  
Sulphur oxides (SO<sub>x</sub>)  
Hydrogen sulphide  
Hydrogen chloride (HCl)

### SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity** Based on available data, the classification criteria are not met.
- **Primary irritant effect:**
- **Skin corrosion/irritation** Prolonged or repeated contact with the skin may cause skin irritation

(Contd. on page 6)



## Safety data sheet

### according to 1907/2006/EC, Article 31

Printing date 23.07.2021

Version number 5

Revision: 22.07.2021

**Trade name: GD 116 NA - Komp.A (art.-no. R033S2C-03)**

(Contd. of page 5)

- **Serious eye damage/irritation** Based on available data, the classification criteria are not met.
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- **Additional toxicological information:** May cause harm to breastfed babies.
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.
- **Reproductive toxicity**  
May cause harm to breast-fed children.
- **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.

### SECTION 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:**  
Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:** Do not allow product to reach ground water, water course or sewage system.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Other adverse effects** No further relevant information available.

### SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation** Disposal in accordance with official regulations
- **EWC-Code(s):**

To be treated as industrial waste: do not dispose of in or on soil, in watercourses or bodies, or through a sewage system. These EU refuse code numbers are recommendations for waste accruing through the use of adhesives and sealants. Any waste produced from organic solvents or other dangerous substances (according GHS) listed under item 3 of this safety datasheet is itself classified as dangerous (\*).

Waste accruing during application:

080409\* waste adhesives and sealants containing organic solvents or other dangerous substances  
080410 waste adhesives and sealants other than those mentioned in 080409

Waste accruing during cleaning:

08 04 11\* adhesive and sealant sludges containing organic solvents or other dangerous substances  
08 04 12 adhesive and sealant sludges other than those mentioned in 080411

(Contd. on page 7)



## Safety data sheet

### according to 1907/2006/EC, Article 31

Printing date 23.07.2021

Version number 5

Revision: 22.07.2021

**Trade name: GD 116 NA - Komp.A (art.-no. R033S2C-03)**

(Contd. of page 6)

## Waste packaging:

15 01 01 paper and cardboard packaging

15 01 02 plastic packaging

15 01 04 metallic packaging

15 01 10\* packaging containing residues of or contaminated by dangerous substances.

### SECTION 14: Transport information

## - 14.1 UN-Number

- ADR/RID/ADN, IMDG, IATA

UN3077

## - 14.2 UN proper shipping name

- ADR/RID/ADN

3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (alkanes, C14-17, chloro)

- IMDG

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (alkanes, C14-17, chloro), MARINE POLLUTANT

- IATA

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (alkanes, C14-17, chloro)

## - 14.3 Transport hazard class(es)

- ADR/RID/ADN, IMDG, IATA



- Class

9 Miscellaneous dangerous substances and articles.

- Label

9

## - 14.4 Packing group

- ADR/RID/ADN, IMDG, IATA

III

## - 14.5 Environmental hazards:

- Marine pollutant:

Yes

Symbol (fish and tree)

- Special marking (ADR/RID/ADN):

Symbol (fish and tree)

- Special marking (IATA):

Symbol (fish and tree)

## - 14.6 Special precautions for user

Warning: Miscellaneous dangerous substances and articles.

- Hazard identification number (Kemler code):

90

- EMS Number:

F-A,S-F

- Stowage Category

A

- Stowage Code

SW23 When transported in BK3 bulk container, see 7.6.2.12 and 7.7.3.9.

(Contd. on page 8)



## Safety data sheet

### according to 1907/2006/EC, Article 31

Printing date 23.07.2021

Version number 5

Revision: 22.07.2021

Trade name: **GD 116 NA - Komp.A (art.-no. R033S2C-03)**

(Contd. of page 7)

<b>- 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code</b>	Not applicable.
<b>- Transport/Additional information:</b>	
<b>- ADR/RID/ADN</b>	
- Limited quantities (LQ)	5 kg
- Excepted quantities (EQ)	Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
- Transport category	3
- Tunnel restriction code	-
<b>- IMDG</b>	
- Limited quantities (LQ)	5 kg
- Excepted quantities (EQ)	Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
<b>- UN "Model Regulation":</b>	UN 3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (ALKANES, C14-17, CHLORO), 9, III

### SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- Directive 2012/18/EU
- Qualifying quantity (tonnes) for the application of lower-tier requirements 100 t
- Qualifying quantity (tonnes) for the application of upper-tier requirements 200 t
- National regulations
- **Information about limitation of use:**  
Employment restrictions concerning young persons must be observed.
- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

### SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

-----  
For commercial use only.

- **Legend of H- and R-phrases, concerning the in chapter 3 mentioned substances (marking of product please see chapter 2)**
- H362 May cause harm to breast-fed children.
- H400 Very toxic to aquatic life.
- H410 Very toxic to aquatic life with long lasting effects.

(Contd. on page 9)

GB



## Safety data sheet according to 1907/2006/EC, Article 31

Printing date 23.07.2021

Version number 5

Revision: 22.07.2021

**Trade name: GD 116 NA - Komp.A (art.-no. R033S2C-03)**

(Contd. of page 8)

H412 Harmful to aquatic life with long lasting effects.

**- Department issuing SDS:**

Abteilung: EU Regulatory Engineering Adhesives  
(department: EU Regulatory Engineering Adhesives)

**- Abbreviations and acronyms:**

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

ICAO: International Civil Aviation Organisation

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

VOCV: Lenkungsabgabe auf flüchtigen organischen Verbindungen, Schweiz (Swiss Ordinance on volatile organic compounds)

VOC: Volatile Organic Compounds (USA, EU)

PBT: Persistent, Bioaccumulative and Toxic

SVHC: Substances of Very High Concern

vPvB: very Persistent and very Bioaccumulative

Lact.: Reproductive toxicity – effects on or via lactation

Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1

Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1

Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

**- \* Data compared to the previous version altered.**

GB