

SAFETY DATA SHEET

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

Revision date: 3 Jul 2026

Print date: 13 Jul 2026

Version: 1



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Gusjoint-TN2, Gusjoint-TN1, Gusjoint-T85 (Rissmasse), Gusjoint-P (Pflastermasse), Gusjoint-R (Schienenfugenmasse), Gusjoint-Rand 25/55-55, Gusjoint-Rand 70/100

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

1.1. Product identifier

Trade name/designation:

Gusjoint-TN2, Gusjoint-TN1, Gusjoint-T85 (Rissmasse), Gusjoint-P (Pflastermasse), Gusjoint-R (Schienenfugenmasse), Gusjoint-Rand 25/55-55, Gusjoint-Rand 70/100

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

Use of the substance/mixture:

Building materials

Relevant identified uses:

Life cycle stage [LCS]

PW: Widespread use by professional workers

Uses advised against:

Life cycle stage [LCS]

C: Consumer use

1.3. Details of the supplier of the safety data sheet

Supplier (manufacturer/importer/only representative/downstream user/distributor):

Gusjoint - Olexandr Gustov e.K.

Mittenwalder Straße 7

10961 Berlin

Germany

Telephone: +49 (0) 30 76 70 35 30

E-mail: info@gusjoint.com

Website: gusjoint.com

E-mail (competent person): info@gusjoint.de

1.4. Emergency telephone number

24h: +49 (0) 170 462 22 19

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

2.2. Label elements

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

According to EC directives or the corresponding national regulations the product does not have to be labelled.

Hazard statements: none

Supplemental hazard information: none

Precautionary statements: none

2.3. Other hazards

Adverse environmental effects:

The substance in the mixture does not meet the PBT/vPvB criteria according to REACH, annex XIII.

Other adverse effects:

The melted product can cause severe burns.

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SECTION 3: Composition/information on ingredients

3.2. Mixtures

No data available

SECTION 4: First aid measures

4.1. Description of first aid measures

General information:

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible). Remove victim out of the danger area. Remove contaminated, saturated clothing. If unconscious but breathing normally, place in recovery position and seek medical advice. Do not leave affected person unattended.

Following inhalation:

Provide fresh air.

In case of skin contact:

Wash with plenty of water and soap. After skin contact with hot product, cool quickly with cold water. Do not pull off solidified product from skin. Consult a doctor.

After eye contact:

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Following ingestion:

Rinse mouth. Let 1 glass of water be drunk in little sips (dilution effect). Call a physician immediately.

4.2. Most important symptoms and effects, both acute and delayed

No known symptoms to date.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically. The melted product can cause severe burns. Burns caused by molten material must be treated clinically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:

Water spray jet, alcohol resistant foam, Extinguishing powder, Carbon dioxide (CO₂). Co-ordinate fire-fighting measures to the fire surroundings.

Unsuitable extinguishing media:

Full water jet

5.2. Special hazards arising from the substance or mixture

Burning produces heavy smoke. Non-flammable.

Hazardous combustion products:

In case of fire: Gases/vapours, toxic. In case of fire may be liberated: Carbon dioxide (CO₂), Carbon monoxide, Sulphur oxides, Hydrogen sulphide (H₂S), Nitrogen oxides (NO_x).

5.3. Advice for firefighters

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

5.4. Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Personal precautions:

Avoid breathing dust/fume/gas/mist/vapours/spray. Remove persons to safety.

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Protective equipment:

Wear protective gloves/protective clothing/eye protection/face protection.

6.1.2. For emergency responders

Personal protection equipment:

Personal protection equipment: see section 8.

6.2. Environmental precautions

Do not allow to enter into surface water or drains.

6.3. Methods and material for containment and cleaning up

For containment:

Collect spillage. Measures to prevent aerosol and dust generation. Wet clean or vacuum up solids. Stop leak if safe to do so.

For cleaning up:

Allow hot bitumen to set, pick up mechanically.

6.4. Reference to other sections

Safe handling: see section 7. Personal protection equipment: see section 8. Disposal: see section 13.

6.5. Additional information

Use appropriate container to avoid environmental contamination.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Protective measures

Advices on safe handling:

Wear personal protection equipment (refer to section 8).

Measures to prevent aerosol and dust generation:

Dust should be exhausted directly at the point of origin.

Environmental precautions:

Do not allow to enter into surface water or drains.

Advices on general occupational hygiene

When using do not eat, drink, smoke, sniff. Avoid contact with skin, eyes and clothes. Take off contaminated clothing.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions:

Avoid high temperatures or direct sunlight.

Packaging materials:

Keep only in original packaging.

Requirements for storage rooms and vessels:

Store in a cool dry place.

Hints on storage assembly:

Observe special storage conditions. Only substances of the same storage class should be stored together.

Separate storage required:

LGK 1, LGK 5.1A, LGK 6.2, LGK 7.

Restricted storage allowed:

LGK 2A, LGK 3, LGK 4.1A, LGK 4.2, LGK 4.3, LGK 5.1B, LGK 5.1C, LGK 5.2, LGK 6.1A, LGK 6.1B.

LGK 4.1A, LGK 5.1C, LGK 5.2:

For hazardous substances of the following storage classes, the specific legal regulations with their requirements for combined storage must be observed:

a) LGK 1 and LGK 4.1A: 2nd SprengV;

b) LGK 5.1C: GefStoffV Annex I Number 5 and TRGS 511;

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c) LGK 5.2: DGUV Regulation 13; Note: The regulations for combined storage mentioned here can in principle also be applied to self-reactive hazardous substances insofar as this is possible without allocation to a hazard group;

d) LGK 7: AtG, StrlSchG and StrlSchV.

LGK 2A:

Separate storage in rooms (instead of separate storage) is permitted if

a) a maximum of 50 filled pressurized gas containers are stored, including no more than 25 pressurized gas containers with acutely toxic gases, Cat. 3, H331 or Cat. 4, H332 (but not cat. 1 or cat. 2, H330), flammable gases or oxidizing gases and

b) the pressurized gas containers are separated by a wall at least 2 m high made of non-combustible materials and a distance of at least 5 m is maintained between the wall and the other flammable stored goods.

LGK 3, LGK 6.1A, LGK 6.1B:

In the same storage section, materials which, by their nature and quantity, are liable to contribute to the development or rapid spread of fires, such as paper, textiles, wood, wood wool, cardboard, foils or combustible packaging fillers, may not be stored in the same storage section unless they form a unit with the portable containers for storage and transport.

LGK 4.2, LGK 4.3:

The hazardous substances may only be stored together with hazardous substances of other storage classes, which are assigned No. 6 in Table 12 (TRGS 510), and with other materials if this does not result in a significant increase in risk.

No. 6 in Table 12 (TRGS 510) and with other materials may only be stored together if a significant increase in risk cannot occur as a result. A significant increase in risk can be avoided by storing the materials separately.

LGK 5.1B:

Combined storage with flammable goods may take place under the conditions specified in Table 13 and Note 5.

Storage together allowed:

LGK 2B, LGK 4.1B, LGK 6.1C, LGK 6.1D, LGK 8A, LGK 8B, LGK 10-13.

Storage together cannot take place if the substances

- > require different extinguishing agents
- > require different temperature conditions,
- > react with each other to form flammable or toxic gases, or
- > react with each other to form a fire.

Storage class (TRGS 510, Germany): 11 – Combustible solids that cannot be assigned to any of the above storage classes

Further information on storage conditions:

TRGS 510

7.3. Specific end use(s)

Industrial sector specific solutions:

The product cannot be coded according to GISBAU.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No data available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Ensure good ventilation during processing, wear work clothes, protective gloves and, if necessary, protective goggles;

Observe the manufacturer's processing instructions, operating instructions and general technical rules for processing (welding, bonding).

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8.2.2. Personal protection equipment



Eye/face protection:

Eye glasses with side protection DIN EN 166 and DIN EN 16321 (new). Use eye protection against liquid splashes. In case of increased danger, use a face shield to protect the face.

Wearing prescription glasses does not constitute protection.

Skin protection:

Tested protective gloves must be worn EN ISO 374. Suitable material: NBR (Nitrile rubber). Breakthrough times and swelling properties of the material must be taken into consideration. In the case of wanting to use the gloves again, clean them before taking off and air them well. When handling heated material: insulated gloves EN 407 (heat).

Respiratory protection:

In case of inadequate ventilation wear respiratory protection.

Use respiratory protection with combination filter A2 / P2 in case of aerosol or mist formation.

Thermal hazards:

The melted product can cause severe burns.

8.2.3. Environmental exposure controls

Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

Physical state: solid

Form: solid

Colour: brown

Odour: characteristic

flammability: Yes

Safety relevant basis data

Parameter	Value	① Method ② Remark
pH	No data available	
Melting point	≈ 50 - 120 °C	
Freezing point	No data available	
Initial boiling point and boiling range	No data available	
Flash point	> 220 °C	
Evaporation rate	No data available	
Auto-ignition temperature	> 350 °C	
Vapour pressure	No data available	
Density	≈ 1 - 1.6 g/cm ³	
Bulk density	No data available	
Water solubility	Immiscible	

particle characteristics:

No data available

9.2. Other information

No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

No hazardous reaction when handled and stored according to provisions.

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10.2. Chemical stability

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

10.3. Possibility of hazardous reactions

No known hazardous reactions.

10.4. Conditions to avoid

Avoid high temperatures or direct sunlight. Do not use above following temperatures: +220°C.

10.5. Incompatible materials

No further relevant information available.

10.6. Hazardous decomposition products

Thermal decomposition can lead to the escape of irritating gases and vapours. Decomposition products in case of fire: see section 5.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Asphalt CAS No.: 8052-42-4 EC No.: 232-490-9
LD₅₀ oral: >5,000 mg/kg (Ratte) ECHA
LD₅₀ dermal: >2,000 mg/kg (Ratte)
LC₅₀ Acute inhalation toxicity (vapour): >20 mg/L 4.5 h (Ratte) ECHA

Acute oral toxicity:

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

Acute dermal toxicity:

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

Acute inhalation toxicity:

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

Skin corrosion/irritation:

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

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.

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:

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.

Additional information:

No data available

11.2. Information on other hazards

Endocrine disrupting properties:

No data available

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SECTION 12: Ecological information

12.1. Toxicity

No data available

12.2. Persistence and degradability

Asphalt CAS No.: 8052-42-4 EC No.: 232-490-9

Biodegradation: Yes, slowly

12.3. Bioaccumulative potential

No data available

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

Asphalt CAS No.: 8052-42-4 EC No.: 232-490-9

Results of PBT and vPvB assessment: This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

12.6. Endocrine disrupting properties

No data available

12.7. Other adverse effects

No data available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Dispose of waste according to applicable legislation.

Waste code numbers from the European Waste Catalogue (EWC) are considered recommendations.

13.1.1. Product/Packaging disposal

Waste codes/waste designations according to EWC/AVV

Waste code product

17 03 02	(17) CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES) (03) bituminous mixtures, coal tar and tarred products (02) bituminous mixtures other than those mentioned in 17 03 01
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Waste code packaging

15 01 02	(15) WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED (01) packaging (including separately collected municipal packaging waste) (02) Plastic packaging
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Remark:

Completely emptied packages can be recycled.

Waste treatment options

Appropriate disposal / Product:

Consult the appropriate local waste disposal expert about waste disposal.

Appropriate disposal / Package:

Handle contaminated packages in the same way as the substance itself.

SECTION 14: Transport information

Land transport (ADR/RID)	Inland waterway craft (ADN)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
14.1. UN number or ID number			
No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.

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Land transport (ADR/RID)	Inland waterway craft (ADN)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
14.2. UN proper shipping name			
No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.
14.3. Transport hazard class(es)			
not relevant	not relevant	not relevant	not relevant
14.4. Packing group			
not relevant	not relevant	not relevant	not relevant
14.5. Environmental hazards			
not relevant	not relevant	not relevant	not relevant
14.6. Special precautions for user			
not relevant	not relevant	not relevant	not relevant

14.7. Maritime transport in bulk according to IMO instruments

No data available

SECTION 15: Regulatory information

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

15.1.1. EU legislation

Authorisations:

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

Does not contain substances listed in REACH Annex XIV (Authorization List).

The mixture does not contain any "very worrying substances" (SVHC) > = 0.1% published by the European Chemical Agency (ECHA) in accordance with Article 57 of REACH: <http://echa.europa.eu/fr/candidate-list-table>.

The mixture does not meet the criteria applied to the PBT and vPvB mixtures, in accordance with Annex XIII of the REACH directive (EC) No. 1907/2006.

Ozone Regulation (1005/2009): Does not contain substances listed on the Ozone Depletion List (Regulation EU 1005/2009 on substances that deplete the ozone layer).

Other regulations (EU):

Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances [Seveso-III-Directive]: This product is not assigned to a hazard category.

Directive 2004/42/EC on the limitation of emissions of volatile organic compounds:

Volatile organic compound (VOC) content: 0 g/L

15.1.2. National regulations

[DE] National regulations

Restrictions of occupation

Observe employment restrictions according to the Act on the Protection of Mothers at Work, in Training and in Studies (Maternity Protection Act - MuSchG). Observe employment restrictions according to the Law for the protection of working youth (Protection of Young Persons Act - JArbSchG).

Störfallverordnung (12. BImSchV)

for substances contained in the product:

This product is not assigned to a hazard category.

Technische Anleitung zur Reinhaltung der Luft (TA-Luft)

Ziffer 1:

5.2.1

Anteil 1:

100 %

Ziffer 2:

5.2.5

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Anteil 2:

100 %

Water hazard class

WGK:

1 - slightly hazardous to water

15.2. Chemical Safety Assessment

For this substance a chemical safety assessment is not required.

SECTION 16: Other information

16.1. Indication of changes

No data available

16.2. Abbreviations and acronyms

ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
CLP	Classification, Labelling and Packaging
DIN	German Institute for Standardization / German Industrial Standard
EG	European Community
EN	European Standard
EU	European Union
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods
IMO	International Maritime Organization
ISO	International Standards Organisation
NFPA	National Fire Protection Association
PBT	persistent and bioaccumulative and toxic
REACH	Registration, Evaluation and Authorization of Chemicals
RID	Dangerous goods regulations for transport by rail
TRGS	Technische Regeln für Gefahrstoffe
UN	United Nations

16.3. Key literature references and sources for data

Regulation (EC) No 1907/2006 (REACH) and Regulation (EC) No 1272/2008 (CLP).

Guidance on the compilation of safety data sheets as amended (ECHA).

Guidance on labeling and packaging according to Regulation (EC) No 1272/2008 (CLP) as amended (ECHA).

Material Safety Data Sheets of the ingredients.

GESTIS- Substance database (Germany).

ECHA-homepage- Information on chemicals.

Rigoletto- substances hazardous to water (Germany).

National occupational exposure limit lists of the respective countries as amended.

EU occupational exposure limits Directive 91/322/EEC, 200/39/EC, 2006/15/EC, 2009/161/EU, (EU) 2017/164, (EU) 2019/1831 as amended.

16.4. Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

16.5. List of relevant hazard statements and/or precautionary statements from sections 2 to 15

No data available

16.6. Training advice

No data available

16.7. Additional information

This information is based on our current knowledge and is only intended to describe the product in terms of health, safety and environmental conditions.

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environmental conditions. It should therefore not be construed as a guarantee for specific properties of the product.