



H A N D M A D E T I R E S

Revised:: 12 Dec 2022

SAFETY DATA SHEET

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

1.1 Product identifier

- Product Name: SMART Sealant
- Product Part Number: 90010, 90011, 90012

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

- Use of the substance/mixture: Tyre Sealant

1.3 Details of the supplier of the safety data sheet

- Name of Supplier: Brewo SRL – Challenge Tires
- Address of Supplier: Via Petracci 13,
54038 Montignoso
Italy
- Telephone: +39 0585 821296
- Website: www.challengetires.com
- Responsible Person: info@challengetires.com
- Email: info@challengetires.com

1.4 Emergency telephone number

- Emergency Telephone: +39 0585 821296
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SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

- Not Classified

2.2 Label elements

- None

2.3 Other hazards

SECTION 3: Composition/information on ingredients

3.2 Mixtures

3.2.1 BRONOPOL

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SECTION 3: Composition/information on ingredients (....)

CAS Number: 52-51-7

EC Number: 200-143-0

Concentration: <0.2%

Categories: Acute Tox. 3, Acute Tox. 4, Skin Irrit. 2, Eye Dam. 1, STOT SE 3, Aquatic Acute 1, Aquatic Chronic 2

Symbols: GHS05, GHS06, GHS09

H Statements: H301+H331, H312, H315, H318, H335, H410

SECTION 4: First aid measures

4.1 Description of first aid measures

4.1.1 Inhalation

Remove patient to fresh air

4.1.2 Contact with eyes

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

4.1.3 Contact with skin

Remove contaminated clothing immediately and drench affected skin with plenty of water.

Then wash with soap and water

IF ON SKIN: Wash with plenty of soap and water.

If skin irritation occurs: Get medical advice/attention.

4.1.4 Ingestion

Do not induce vomiting

Give plenty of water to drink

IF SWALLOWED: Call a POISON CENTRE/doctor/ if you feel unwell.

4.2 Most important symptoms and effects, both acute and delayed

4.2.1 Inhalation

May cause irritation

4.2.2 Contact with eyes

May cause irritation

4.2.3 Contact with skin

May cause irritation

4.2.4 Ingestion

May cause irritation

4.3 Indication of any immediate medical attention and special treatment needed

SECTION 4: First aid measures (....)

- IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

4.3.1 Inhalation

Seek medical attention if irritation persists

4.3.2 Contact with eyes

Seek medical attention if irritation persists

4.3.3 Contact with skin

Seek medical attention if irritation persists

4.3.4 Ingestion

Seek medical attention if irritation persists

SECTION 5: Firefighting measures

5.1 Extinguishing media

- Not flammable. In case of fire use extinguishing media appropriate to surrounding conditions

5.2 Special hazards arising from the substance or mixture

- May give off noxious and toxic fumes in a fire
- No hazard expected under normal conditions of use

5.3 Advice for firefighters

- Wear Breathing Apparatus
 - Not flammable. In case of fire use extinguishing media appropriate to surrounding conditions
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SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

- Use only outdoors or in a well-ventilated area.
- Wear protective clothing as per section 8
- Do not mix with acid

6.2 Environmental precautions

- Do not allow to enter public sewers and watercourses
- Stop leak if safe to do so.
- No information available

6.3 Methods and material for containment and cleaning up

- Absorb spillage in inert material and shovel up
- Collect as much as possible in clean container for reuse or disposal
- Wash thoroughly after dealing with spillage

6.4 Reference to other sections

SECTION 6: Accidental release measures (....)

- See Section 3, 8 and 13
 - For personal protection, see Section 8. For waste disposal, see Section 13.
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SECTION 7: Handling and storage

7.1 Precautions for safe handling

- Avoid contact with skin and eyes
- Ensure adequate ventilation
- Proper chemicals handling procedures should be adopted
- Do not mix with acid
- Protect from sunlight.
- Store at ambient temperature

7.2 Conditions for safe storage, including any incompatibilities

- Keep in a cool, dry, well ventilated place
- Keep container tightly closed.
- Shelf life: 5 years
- Store at ambient temperature

7.3 Specific end use(s)

- No information available
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SECTION 8: Exposure controls/personal protection

8.1 Control parameters

- There are no recommended or established controls for this product
- No information available

8.2 Exposure controls



Goggles



Gloves

- Wear suitable protective clothing as protection against splashing or contamination
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SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Appearance: Off-white, Liquid
 - Odour: Characteristic odour
 - pH: 7 - 8
 - Freezing point/Range: -20 to -12
 - Viscosity: Not available
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SECTION 9: Physical and chemical properties (....)

- Solubility in water: Partly miscible with water
- Flashpoint: >93°C

9.2 Other information

- Specific Gravity: Not available
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SECTION 10: Stability and reactivity

10.1 Reactivity

- No information available
- No hazardous reactions known if used for its intended purpose
- This article is considered stable under normal conditions

10.2 Chemical stability

- Considered stable under normal conditions

10.3 Possibility of hazardous reactions

- No information available
- No hazardous reactions known if used for its intended purpose

10.4 Conditions to avoid

- No special requirements
- Avoid contact with acid
- Avoid contact with eyes

10.5 Incompatible materials

- No information available

10.6 Hazardous decomposition products

- Decomposition products may include toxic and irritant fumes
 - No information available
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SECTION 11: Toxicological information

11.1 Information on toxicological effects

- No information available
- May cause irritation

11.1.1 BRONOPOL

LD₅₀ (oral, rat): 193-211 mg/kg

SECTION 12: Ecological information

12.1 Toxicity

SECTION 12: Ecological information (....)

- No information available

12.2 Persistence and degradability

- No information available

12.3 Bioaccumulative potential

- No information available

12.4 Mobility in soil

- partly miscible with water

12.5 Results of PBT and vPvB assessment

- No information available

12.6 Other adverse effects

- No information available
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SECTION 13: Disposal considerations

13.1 Waste treatment methods

- Dispose of contents/container to an authorised waste collection point
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SECTION 14: Transport information

14.1 UN number or ID number

- UN No.: The product is not classified as dangerous for carriage.

14.2 UN proper shipping name

- Proper Shipping Name: The product is not classified as dangerous for carriage.

14.3 Transport hazard class(es)

- Hazard Class: The product is not classified as dangerous for carriage.

14.4 Packing group

- Packing Group: The product is not classified as dangerous for carriage.

14.5 Environmental hazards

- No information available

14.6 Special precautions for user

- No special precautions are required for this product

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

SECTION 15: Regulatory information

SECTION 15: Regulatory information (....)

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

- Refer to current ADR Regulations
- Refer to current CLP Regulations
- The ADR Regulations apply in the UK
- The CLP Regulations apply in the UK
- This Safety Data Sheet is provided in compliance with the EC Regulation 1907/2006-2015/830
- This Safety Data Sheet is provided in compliance with the EC Directive 1907/2006-453/2010

15.2 Chemical safety assessment

- This Safety Data Sheet does not constitute a workplace risk assessment
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SECTION 16: Other information

Text not given with phrase codes where they are used elsewhere in this safety data sheet:-

H301+H331: Toxic if swallowed or if inhaled. H312: Harmful in contact with skin. H315: Causes skin irritation. H318: Causes serious eye damage. H335: May cause respiratory irritation. H410: Very toxic to aquatic life with long lasting effects.

Disclaimer

- The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.

--- end of safety datasheet ---
