

Joint TecTM

Your Paving - Our Passion

BRUSH IN PAVEMENT JOINTING COMPOUND

Safety Data Sheet

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Revision No: N/A

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

1.1. Product Identifier

Product name: Joint Tec Brush in Pavement Jointing Compound

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

Use of substance / mixture: Paving joint filler

1.3. Details of the supplier of the safety data sheet

Company name: Keltec Building & Paving Products Ltd.
Kilpierce
Enniscorthy
Co. Wexford
Ireland

Telephone: 00353 (0) 53923421

Email: info@jointtec.ie



1.4. Emergency telephone number

?

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: EUH208

Most important adverse effects: Contains 2-butanone oxime. May produce an allergic reaction.

2.2. Label elements

Label elements:

Hazard statements: EUH208: Contains 2-butanone oxime. May produce an allergic reaction.

Precautionary statements: P280: Wear protective gloves/protective clothing/eye protection/ face protection.
P303+361+353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P332+313: If skin irritation occurs: Get medical advice/attention.
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+313: If eye irritation persists: Get medical advice/attention.
P301+330+331: IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
P501: Dispose of contents/container to regulate landfill site.

2.3. Other hazards

PBT: This product is not identified as a PBT/vPvB substance.

SECTION 3: Composition/information on ingredients

3.1. Mixtures

Hazardous ingredients:

2-BUTANONE OXIME

EINECS	CAS	PBT/WEL	CLP Classification	Percent
202-496-6	96-29-7	-	Carc. 2: H351; Acute Tox. 4: H312; Eye Dam. 1: H318; Skin Sens. 1: H317	<1%

Contains: < 0.2% White Spirits, < 0.005% Cobalt Octoate

SECTION 4: First aid measures

4.1. Description of first aid measure

Skin contact: Wash immediately with plenty of soap and water.
Eye contact: Bathe the eye with running water for 15 minutes.
Ingestion: Wash out mouth with water.
Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

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

Skin contact: There may be mild irritation at the site of contact.
Eye contact: There may be irritation and redness.
Ingestion: There may be irritation of the throat.
Inhalation: No data available.
Delayed/ immediate effects: Delayed effects can be expected after long-term exposure.

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

Immediate / special treatment: Not applicable.

SECTION 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Refer to section 8 of SDS for personal protection details. Mark out the contaminated area with signs and prevent access to unauthorised personnel.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand.

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area.
Suitable packaging: Must only be kept in original packaging.

7.3. Specific end use(s)

Specific end use(s): No data available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Workplace exposure limits: No data available.

DNEL/PNEC Values

DNEL / PNEC: No data available.

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area.
Respiratory protection: Respiratory protective device with particle filter.
Hand protection: Protective gloves.
Eye protection: Safety glasses. Ensure eye bath is to hand.
Skin Protection: Protective clothing.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State:	Solid
Colour:	Various
Odour:	Characteristic odour
Solubility in water:	Insoluble
Flash point°C:	Not applicable.

9.2. Other Information

Other information: Not applicable.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below.

10.4. Conditions to avoid

Conditions to avoid: Heat.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes.

SECTION 11: Toxicological information

11.1. Information on Toxicological effects

Hazardous ingredients:

2-BUTANONE OXIME

ORL	MUS	LD50	1	gm/kg
ORL	RAT	LD50	930	mg/kg
SCU	RAT	LD50	2702	mg/kg

Toxicity values: No data available.

SYMPTOMS / ROUTES OF EXPOSURE

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be irritation of the throat.

Inhalation: No data available.

Delayed/immediate effects: Delayed effects can be expected after long-term exposure.

SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicity values: No data available

12.2. Persistence and degradability

Persistence and degradability: No data available

12.3. Bioaccumulative potential

Persistence and degradability: No data available

12.4. Mobility in soil

Mobility: No data available

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance

12.6. Other adverse effects

Other adverse effects: No data available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company

Disposal of packaging: Disposal of in a regulated landfill site or other method for hazardous or toxic wastes

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal

SECTION 14: Transport information

14.1. Transport class

Transport class: This product does not require a classification for transport

SECTION 15: Regulatory information

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

Specific regulations: Not applicable

15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

SECTION 16: Other information

Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830

* indicates text in the SDS which has changed since the last revision

SAFETY DATA SHEET



BRUSH IN PAVEMENT JOINTING COMPOUND

Phrases used in s.2 and s.3:

EUH208: Contains <name of sensitising substance>. May produce an allergic reaction.
H312: Harmful in contact with skin.
H317: May cause an allergic skin reaction.
H318: Causes serious eye damage
H351: Suspected of causing cancer <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.

Legal disclaimer:

The above information is believed to be correct but does not purport to be an inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

DATA SHEET



BRUSH IN PAVEMENT JOINTING COMPOUND

PRODUCT DESCRIPTION

Joint Tec is a ready to use brush applied jointing compound for use on paths, patios and pavements with joints over 5mm wide. Joint Tec can be applied in either wet or dry conditions with no mixing required.

BENEFITS

- Fast and easy to use.
- Simply brushed into joints.
- Ready to use.
- Can be applied in wet or dry conditions.
- Resists weed growth.
- Water permeable

AREAS FOR USE

- As a jointing compound for flagstones, cobbles, stone setts and natural stone.
- Footpaths
- Patios
- Pedestrian areas
- Domestic driveways subject to light occasional vehicular traffic.

LIMITATIONS

- Carefully read all instructions and watch point leaflet before use.
- Do not use on joints smaller than 5mm
- Do not use on tampered/chamfered joints.
- Joint depth must be a minimum of 25mm
- Do not apply below 3°C or if the ground/paving temperature is below 3°C.
- Do not use in areas of constant water immersion.
- Product should be considered for its aesthetic and not its structural properties.
- The jointing should not be cleaned by use of high pressure washers until cured for 14 days.
- The distance between nozzles to jointing must be at least 15cm and a fan nozzle should be used, working across the joint NOT along the joint.

- Natural variations in sand shade occasional colour difference may occur between batches.
- For large applications where multiple buckets may be used always use the same batch of material if possible to ensure consistency of colour.
- Always follow the manufacturer's instructions carefully.
- The company cannot be aware of all the applications and substrate materials on which the product may be used on, it is the user's responsibility to determine suitability for use.

APPLICATION

- Dampen the paving slabs before starting the job. Open one bag at a time, empty a small amount and immediately brush Joint Tec into the joint, then repeat until jointing is complete with the next small amount. Do not rub the product into the paving surface. Once filled, we recommend compaction using a pointing iron or other suitable tool.
- On very porous surfaces such as Indian Sandstone ensure surface is kept damp during application. Do not allow surfaces to dry as some temporary staining may occur.
- Paved areas and joints must be well drained, to avoid standing water in joints for long periods.
- A trial should always be carried out prior to full scale application.
- Due to the nature of Joint Tec, there are occasionally small lumps within the bag due to compaction. If these can be easily broken up by hand, it is suitable for use.
- Hard lumps in the bag, greater than 50mm diameter, indicate that the oxygen barrier within the bag has been broken and therefore product should not be used.
- Depending upon the porosity and type of paving, variations in the colour and texture of the paving may be highlighted. This will diminish over time, dependent upon weathering, exposure and traffic. Some natural stone can be susceptible to long term staining from all types of joint fillers, including sand/cement mortar. We recommend a trial in a small inconspicuous area or on a piece of scrap paving prior to application to ensure that it does not stain light coloured paving.
- Joint Tec will start to set immediately and be capable of taking light traffic 6-12 hours before 15°C in dry conditions.
- Allow up to 4 days for full set in temperature between 4°C and 15°C. Contact with rain or moisture can slow the final set.

TYPICAL DATA

- Material Ready to use dry sand mixture with oxygen cure bonding agent.
- Setting Time: 6-12 hours @ 15 Degrees C.
- Typical coverage 12 M2 450mm x 450mm paving with 6mm x 25mm joints)
- Minimum Joint Width: 5mm
- Minimum Joint Depth: 25mm

PACKAGING

15kg Buckets

STORAGE

Store upright in original, tightly sealed containers.

SHELF LIFE

12 months from date of manufacture in unopened bags.

HEALTH AND SAFETY

Consult SDS for full details

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