



MATERIAL SAFETY DATA SHEET

1. Identification

Company Trade Name	Gateways and Demarcation
Application	Thermoplastic Anti-skid/Traffic Calming
Manufacturer/Supplier	Trustseal Limited, Unit 10 Southfield Lane Ind. Est., Whitwell, Worksop, S80 4NW
Emergency and Customer Enquiries	Tele (01909) 722662 Fax (01909) 720228

2. Composition

General	A blend of Tall Oil Rosin Ester, SBS rubber, and EVA copolymers. Plasticized with mineral oil and incorporating inert fillers and high PSV aggregates.
---------	--

3. Hazard Identification

Safety Phrase	S 24/25 S26 S28 S36/37/39
Risk Phrase	

4. First Aid Measures

Inhalation	Remove to fresh air. If symptoms persist obtain medical assistance.
------------	---

Eyes	Contact with hot material should be avoided but any contact should be drenched with copious amounts of water to cool the material down as rapidly as possible obtain medical assistance.
Skin	Remove contaminated clothing. Flood area with plenty of cold water. Do not remove material, which has firmly adhered to the skin. Seek medical assistance.
Ingestion	Do not induce vomiting. If conscious give plenty of water. Seek medical assistance.

5. Fire Fighting Measures

Suitable extinguishing media

Carbon Dioxide, foam, dry powder and water fog. DO NOT USE WATER JET.

Special exposure hazards.

Special protective equipment for fire fighters

Fires should be dealt with by trained personnel wearing approved breathing apparatus with full piece and positive air supply.

6. Accidental Release Measures

Personal precautions

Personnel should wear PVC gloves and goggles.

Environmental precautions

Do not allow to enter drains, sewers or watercourses.

Methods for cleaning up

When cold sweep into suitable containers.
When hot allow to cool, scrap up into suitable containers and dispose of according to Local and National Regulations.

7. Handling and Storage

Handling

Personnel should wear PVC gloves and goggles.

Storage

Store in cool dry area.

8. Exposure Control/Personal Protection

Respiratory protection	Wear suitable respiratory equipment in confined spaces.
Hand protection	Wear suitable heat resistant gloves.
Eye protection	Wear face mask/goggles.
Skin protection	Wear suitable overalls.

9. Physical and Chemical Properties

Appearance	Solid (Cold) Liquid (Hot)
Odour	Resinous
pH	
Boiling point/range	
Flash point	Over 230 ⁰ C
Flammability	
Explosive properties	
Oxidising properties	
Vapour pressure	
Relative density	2.0 (approx.)
Solubility	Insoluble
Partition coefficient	
Viscosity	
Vapour density	
Evaporation rate	

10. Stability and Reactivity

Conditions to avoid	Under normal conditions unlikely to react in a hazardous manner.
Materials to avoid	
Hazardous decomposition products	Oxides of carbon and nitrogen.

11. Toxicological Information

Acute toxicity (oral, inhalation, dermal)	Low.
Corrosivity/irritation (eye, skin, respiratory tract)	Low.

Sensitisation (skin, respiratory)

Low.

Mutagenicity

The substance or preparation has not been assessed at all for this endpoint, so its hazardous property in this regard is not known.

Carcinogenicity

The substance or preparation has not been assessed at all for this endpoint, so its hazardous property in this regard is not known.

Reproductive toxicity (fertility, developmental)

The substance or preparation has not been assessed at all for this endpoint, so its hazardous property in this regard is not known.

12. Ecological Information

Ecotoxicity May cause adverse effects.

Mobility (Hot) Spillages are unlikely to penetrate soil
(Cold) Has low solubility and floats and can migrate from water to land.

Persistence and degradability
 Biodegradable.

Bioaccumulative potential
 Not expected to bioaccumulate.

Other adverse effects

13. Disposal

Dispose of according to Local and National regulations.

14. Transport Information

UN Number

Class

Proper shipping name

Packaging group

Marine pollutant

Other applicable information

Not restricted for transport

15. Regulatory Information

Hazard Label

16. Other Information

Risk phrases

Safety phrases S24/25 Avoid contact with skin and eyes.
S26 In case of contact with eyes rinse immediately
with plenty of water and seek medical attention.
S28 After contact with skin, immerse in cold water.
S36/37/39 Wear suitable protective clothing, gloves
and eye face protection. When molten.

The information in the MSDS was obtained from sources believed to be reliable. The information is provided with no warranty, expressed or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the material is beyond our control and may be beyond our knowledge. For these and other reasons we assume no responsibility and expressly disclaim liability for loss, damage or expense arising from or in any way connected with the handling, storage, use or disposal of this material.