



10 Southfield Lane Industrial Estate, Whitwell, Worksop S80 4NW  
Telephone: 01909 722662 Fax: 01909 720228  
Web Site: <http://www.trustseal.co.uk>  
Email: [info@trustseal.co.uk](mailto:info@trustseal.co.uk)

## MATERIAL SAFETY DATA SHEET

### 1. Identification

Company Trade Name	Keygrip Thermoplastic Type Three
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.
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### 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.

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## **5. Fire Fighting Measures**

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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.

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## **6. Accidental Release Measures**

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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, scrape up into suitable containers and dispose of according to Local and National Regulations.

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## **7. Handling and Storage**

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Handling Personnel should wear PVC gloves and goggles.

Storage Store in cool dry area.

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## **8. Exposure Control/Personal Protection**

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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 250 <sup>0</sup> 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

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**12. Ecological Information**

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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 effect

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**13. Disposal**

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Dispose of according to Local and National regulations.

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**14. Transport Information**

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UN Number  
Class  
Proper shipping name  
Packaging group  
Marine pollutant  
Other applicable information  
   Not restricted for transport

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**15. Regulatory Information**

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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.

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