



# SAFETY DATA SHEET

Revision date 04-Sep-2024

Revision Number 1

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

### Product identifier

**Product Name** BOSTIK THERMOGRIP AS 733

### Other means of identification

**Synonyms** None

### Recommended use of the chemical and restrictions on use

**Recommended use** Hot-melt adhesives

**Restrictions on use** No information available

### Supplier's details

#### **Supplier**

Bostik South Africa  
1 Beverley Close  
Montague Gardens  
Cape Town  
South Africa  
7441  
Tel: +27 21 555 7400

**Non-Emergency Telephone Number**+27 21 555 7400

**E-mail address** psra.za@bostik.com

### Emergency telephone number

**Emergency Telephone** Tel: +27 21 555 7400

**Restrictions on emergency number** 8am - 5pm (Monday - Friday)

## SECTION 2: Hazards identification

### Classification of the substance or mixture

Not a hazardous substance or mixture according to the Globally Harmonised System (GHS)

### GHS Label elements, including precautionary statements

#### **Hazard statements**

Not a hazardous substance or mixture according to the Globally Harmonised System (GHS).

### Other hazards which do not result in classification

Contact with product at elevated temperatures can result in thermal burns. Pellets: Extremely slippery when spilled.

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## SECTION 3: Composition/information on ingredients

### Substance

Not applicable

### Mixture

Chemical name	CAS No.	Weight-%
Paraffin waxes and Hydrocarbon waxes	8002-74-2	20 - <40

## SECTION 4: First aid measures

### Description of necessary first aid measures

<b>Inhalation</b>	<b>Molten</b> . Move to fresh air in case of accidental inhalation of vapours or decomposition products. <b>Solid:</b> . Not an expected route of exposure.
<b>Skin contact</b>	<b>Molten</b> . After contact with molten product, cool skin area rapidly with cold water. For severe burns, immediate medical attention is required. Do not remove clothing if adhering to skin. Do not try to remove solidified material from the skin. Removal of solidified molten material from skin requires medical assistance. <b>Solid:</b> . Wash skin with soap and water.
<b>Eye contact</b>	<b>Molten</b> . In case of eye contact, immediately flush eyes with plenty of water for at least 15 minutes. Contact with molten materials requires immediate medical assistance. <b>Solid:</b> . Pellets Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a doctor. Remove contact lenses, if present and easy to do. Continue rinsing.
<b>Ingestion</b>	Get immediate medical attention. Do not induce vomiting without medical advice.

### Most important symptoms and effects, both acute and delayed

<b>Symptoms</b>	Contact with molten substance may cause severe burns to skin and eyes.
<b>Effects of Exposure</b>	No information available.

### Indication of immediate medical attention and special treatment needed, if necessary

<b>Note to doctors</b>	Burns caused by molten material must be treated clinically. Treat any burns as thermal burns, after decontamination.
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## SECTION 5: Firefighting measures

<b>Suitable Extinguishing Media</b>	CO2, dry chemical, dry sand, alcohol-resistant foam. Water spray.
<b>Large Fire</b>	CAUTION: Use of water spray when fighting fire may be inefficient.
<b>Unsuitable extinguishing media</b>	Do not use straight streams.
<b>Specific hazards arising from the chemical</b>	The melted product can cause severe burns.
<b>Special protective actions for fire-fighters</b>	Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear.

## SECTION 6: Accidental release measures

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## Personal precautions, protective equipment and emergency procedures

**Personal precautions** Avoid contact with hot, molten product. Ensure adequate ventilation. Pellets: Slippery, can cause falls if walked on.

## Environmental precautions

**Environmental precautions** Do not flush into surface water or sanitary sewer system.

## Methods and material for containment and cleaning up

**Methods for cleaning up** **Molten** : Where possible allow molten material to solidify naturally. Take up mechanically, placing in appropriate containers for disposal. **Solid** : Sweep up and shovel into suitable containers for disposal.

**Methods for containment** Where possible allow molten material to solidify naturally. Prevent product from entering drains. Dyke to collect large liquid spills.

**Other information** Where possible allow molten material to solidify naturally.

## **SECTION 7: Handling and storage**

### Precautions for safe handling

**Advice on safe handling** Avoid contact with skin and eyes. If hot processing this material, ensure adequate ventilation and wear personal protective equipment. Use adequate ventilation and/or engineering controls in high temperature processing to prevent exposure to vapours. Facilities for quickly drenching the body should be provided within the immediate work area for emergency use where there is a possibility of exposure. Take precautionary measures against static discharges.

**General hygiene considerations** Handle in accordance with good industrial hygiene and safety practice.

### Conditions for safe storage, including any incompatibilities

**Storage Conditions** Store in a cool, dry area away from potential sources of heat, open flames, sunlight or other chemicals.

**Recommended storage temperature** Keep at temperatures between 10 and 35 °C.

**Incompatible materials** None known based on information supplied.

## **SECTION 8: Exposure controls/personal protection**

### Control parameters

#### Occupational exposure limits

Chemical name	Occupational exposure limits	Restricted exposure limits
Paraffin waxes and Hydrocarbon waxes 8002-74-2	-	TWA: 4 mg/m <sup>3</sup> fume

**Biological occupational exposure limits** This product, as supplied, does not contain any hazardous materials with biological limits established by the region specific regulatory bodies

### Appropriate engineering controls

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**Engineering controls** Ensure that eyewash stations and safety showers are close to the workstation location.

## Individual protection measures, such as personal protective equipment

**Eye/face protection** Avoid contact with eyes. Wear safety glasses with side shields (or goggles).

**Skin and body protection** Long sleeved clothing. Impervious clothing.

**Hand protection** Heat resistant gloves are recommended when handling molten materials. **Solid:** . For operations where prolonged or repeated skin contact may occur, impervious gloves should be worn.

**Respiratory protection** When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

**General hygiene considerations** Handle in accordance with good industrial hygiene and safety practice.

## SECTION 9: Physical and chemical properties

### Information on basic physical and chemical properties

<b>Appearance</b>	Pellets
<b>Physical state</b>	Solid
<b>Colour</b>	White
<b>Odour</b>	Characteristic
<b>Odour threshold</b>	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
<b>pH</b>	No data available	No information available
<b>Melting point / freezing point</b>	No data available	No information available
<b>Initial boiling point and boiling range</b>	No data available	No information available
<b>Flash point</b>	No data available	No information available
<b>Evaporation rate</b>	No data available	No information available
<b>Flammability</b>	No data available	No information available
<b>Upper/lower flammability or explosive limits</b>		
<b>Upper flammability or explosive limits</b>	No data available	
<b>Lower flammability or explosive limits</b>	No data available	
<b>Vapour pressure</b>	No data available	No information available
<b>Relative vapour density</b>	No data available	No information available
<b>Relative density</b>	No data available	No information available
<b>Solubility(ies)</b>		
<b>Water solubility</b>	Insoluble in water	No information available
<b>Solubility in other solvents</b>	No data available	No information available
<b>Partition coefficient</b>	No data available	No information available
<b>Autoignition temperature</b>	No data available	No information available
<b>Decomposition temperature</b>	No data available	No information available
<b>Kinematic viscosity</b>	No data available	No information available
<b>Dynamic viscosity</b>	No data available	No information available

### Other information

<b>Explosive properties</b>	No information available
<b>Oxidising properties</b>	No information available
<b>Softening point</b>	80-88°C
<b>Density</b>	0.8 - 0.9

## SECTION 10: Stability and reactivity

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Reactivity	No information available.
Chemical stability	Stable under normal conditions.
Possibility of hazardous reactions	None under normal processing.
Conditions to avoid	Extremes of temperature and direct sunlight. To avoid thermal decomposition, do not overheat. Do not add water or other volatile material to molten adhesive. Under dusty conditions avoid all sources of ignition, including sparks and static electricity.
Incompatible materials	None known based on information supplied.
Hazardous decomposition products	Carbon monoxide. Carbon dioxide (CO <sub>2</sub> ).

## Section 11: TOXICOLOGICAL INFORMATION

### Information on the likely routes of exposure

Product Information	.
Inhalation	Specific test data for the substance or mixture is not available.
Eye contact	Specific test data for the substance or mixture is not available.
Skin contact	Specific test data for the substance or mixture is not available.
Ingestion	Specific test data for the substance or mixture is not available.

### Symptoms related to the physical, chemical and toxicological characteristics

Symptoms	No information available.
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### Acute toxicity

### Numerical measures of toxicity

### Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Paraffin waxes and Hydrocarbon waxes	>5000 mg/kg (Rattus)	> 2000 mg/kg (Oryctolagus cuniculus)	-

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation	Contact with molten substance may cause severe burns to skin and eyes.
Serious eye damage/eye irritation	Contact with molten substance may cause severe burns to skin and eyes.
Respiratory or skin sensitisation	No information available.
Germ cell mutagenicity	No information available.
Carcinogenicity	No information available.

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Reproductive toxicity	No information available.
STOT - single exposure	Thermal decomposition can lead to release of irritating gases and vapours.
STOT - repeated exposure	No information available.
Aspiration hazard	No information available.

## SECTION 12: Ecological information

### Ecotoxicity

Persistence and degradability	No information available.
Bioaccumulative potential	No information available.
Mobility in soil	No information available.
Other adverse effects	No information available.

## SECTION 13: Disposal considerations

### Disposal methods

Waste from residues/unused products	Dispose of waste in accordance with environmental legislation.
Contaminated packaging	Do not reuse empty containers.

## SECTION 14: Transport information

IMDG	Not regulated
IATA	Not regulated
ADR	Not regulated

## SECTION 15: Regulatory information

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

#### National regulations

South Africa - Occupational Injuries and Diseases - Chemical Agents Not applicable

#### International Regulations

The Montreal Protocol on Substances that Deplete the Ozone Layer Not applicable

The Stockholm Convention on Persistent Organic Pollutants Not applicable

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The Rotterdam Convention Not applicable

## Europe

**Registration, Evaluation, Authorisation, and Restriction of Chemicals (REACH) Regulation (EC 1907/2006)**

### SVHC: Substances of Very High Concern for Authorisation:

This product does not contain candidate substances of very high concern at a concentration  $\geq 0.1\%$  (Regulation (EC) No. 1907/2006 (REACH), Article 59)

### Directive 2011/65/EU (EU RoHS 2), as amended by the Delegated Directive (EU) 2015/863 (EU RoHS 3)

This product does not contain Lead, Cadmium, Mercury, Hexavalent chromium, Polybrominated biphenyls (PBB), Polybrominated diphenyl ethers (PBDE), Bis(2-Ethylhexyl) phthalate (DEHP), Benzyl butyl phthalate (BBP), Dibutyl phthalate (DBP) and Diisobutyl phthalate (DIBP) above the regulated limit mentioned in this regulation

## SECTION 16: Other information

**Prepared By** Product Safety & Regulatory Affairs  
**Revision date** 04-Sep-2024  
**Revision note** No information available.

### Key or legend to abbreviations and acronyms used in the safety data sheet

#### Legend SECTION 8: Exposure controls/personal protection

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	Sk*	Skin designation

### Key literature references and sources for data used to compile the SDS

Agency for Toxic Substances and Disease Registry (ATSDR)  
U.S. Environmental Protection Agency ChemView Database  
European Food Safety Authority (EFSA)  
Environmental Protection Agency  
Acute Exposure Guideline Level(s) (AEGl(s))  
U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act  
U.S. Environmental Protection Agency High Production Volume Chemicals  
Food Research Journal  
Hazardous Substance Database  
International Uniform Chemical Information Database (IUCLID)  
National Institute of Technology and Evaluation (NITE)  
Australian National Industrial Chemicals Notification and Assessment Scheme (NICNAS)  
NIOSH (National Institute for Occupational Safety and Health)  
National Library of Medicine's ChemID Plus (NLM CIP)  
National Library of Medicine's PubMed database (NLM PUBMED)  
U.S. National Toxicology Program (NTP)  
New Zealand's Chemical Classification and Information Database (CCID)  
Organisation for Economic Co-operation and Development Environment, Health, and Safety Publications  
Organisation for Economic Co-operation and Development High Production Volume Chemicals Programme  
Organisation for Economic Co-operation and Development Screening Information Data Set  
World Health Organization

### Disclaimer

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End of Safety Data Sheet