

B.TLGRT off wht
Version 1

Revision Date 26-Mar-2017
Supersedes Date: 26-Mar-2017

Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product Identifier

Product Name B.TLGRT off wht
Pure substance/mixture mixture

1.2. Relevant Identified Uses of the Substance or Mixture and Uses Advised Against

Recommended use Adhesives, sealants.
Uses Advised Against No information available.

1.3. Details of the Supplier of the Safety Data Sheet

Company Name

Bostik (Shanghai) Management Co., Ltd
Building 1, No.968 Guanghai Road, Minhang District
Shanghai, China
Tel: 021-60763101
Fax: 021-60763133

Manufacturer

Bostik India Private Ltd
124/1 & 124/2A
Kachanayakanahalli
Behind Bommasandra Indl.Area
Off Hosur Road, Hennagara Post,
Anekal Taluk
Bangalore - 562106, Karnataka,
INDIA
Tel: 0091-80-27833520
Fax: 00 91-80-27831324
Email: Bostikinfo.India@bostik.com

Please refer to Section 16 for local affiliate addresses.

1.4. Emergency Telephone Number

Emergency Telephone 0532-8388 9090 (China only)

E-mail address SDS.AP@Bostik.com

Section 2: HAZARD IDENTIFICATION

2.1. Classification of the Substance or Mixture

Skin Corrosion/Irritation	Category 3 (6.3B)
Serious Eye Damage/Eye Irritation	Category 2A (6.4A)

Classification in parenthesis is applicable for New Zealand Hazard Classification

ERMA Group No information available

2.2. Label Elements



Signal Word WARNING

Hazard statements

H316 - Causes mild skin irritation
H319 - Causes serious eye irritation

Safety Data Sheet

B.TLGRT off wht
Version 1

Revision Date 26-Mar-2017
Supersedes Date: 26-Mar-2017

Precautionary Statements - Prevention

P264 - Wash face, hands and any exposed skin thoroughly after handling

P280 - Wear protective gloves/protective clothing/eye protection/face protection

Skin

P332 + P313 - If skin irritation occurs: Get medical advice/attention

EYES

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

P337 + P313 - If eye irritation persists: Get medical advice/attention

2.3. Other Hazards

- Product dust may be irritating to eyes, skin and respiratory system
- When cement reacts with water a strong alkaline solution is produced. Prolonged contact with wet cement or wet concrete may cause serious burns because they develop without pain being felt e.g. when kneeling in wet cement even when wearing trousers
- Frequent inhalation of large quantities of cement dust over a long period of time increases the risk of developing lung disease

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Mixture

3.2 Mixtures

Chemical Name	CAS No.	Weight-%
Calcium hydroxide	1305-62-0	1 - 5
Zinc stearate	557-05-1	0.1 - 1

*** Any remaining ingredients are not hazardous

Section 4: FIRST AID MEASURES

4.1. Description of First Aid Measures

Inhalation	Remove to fresh air. If symptoms persist, call a physician.
Skin Contact	Brush off loose particles from skin. Wash off immediately with plenty of water for at least 15 minutes. If skin irritation persists, call a physician.
Eye contact	In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persist, call a physician.
Ingestion	Do NOT induce vomiting. If swallowed, seek medical advice immediately and show this container or label. Rinse mouth.
Self-protection of the First Aider	Use personal protective equipment as required.

4.2. Most Important Symptoms and Effects, Both Acute and Delayed

Symptoms None known.

4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

Note to physicians Treat symptomatically.

4.4. Reference to Other Sections

Reference to Other Sections Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION. Section 11: TOXICOLOGY INFORMATION.

Section 5: FIRE-FIGHTING MEASURES

Safety Data Sheet

B.TLGRT off wht
Version 1

Revision Date 26-Mar-2017
Supersedes Date: 26-Mar-2017

5.1. Extinguishing Media

Suitable Extinguishing Media Use extinguishing agent suitable for type of surrounding fire.

Unsuitable Extinguishing Media No information available.

5.2. Special Hazards Arising from the Substance or Mixture

Specific Hazards Arising from the Chemical Thermal decomposition can lead to release of irritating and toxic gases and vapors.

Hazardous Combustion Products Carbon oxides.

5.3. Advice for Firefighters

Special Protective Equipment for Fire-fighters Wear self-contained breathing apparatus and protective suit.

Section 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

Personal Precautions Avoid creating dust. Do not get in eyes, on skin, or on clothing. Wear protective gloves/protective clothing and eye/face protection.

For Emergency Responders Sweep up to prevent slipping hazard.

6.2. Environmental Precautions

Environmental Precautions See Section 12 for additional Ecological Information.

6.3. Methods and Material for Containment and Cleaning up

Methods for Containment Prevent dust cloud. Take up mechanically, placing in appropriate containers for disposal.

Methods for Cleaning up Avoid creating dust. Sweep up and shovel into suitable containers for disposal.

6.4. Reference to other sections

Reference to Other Sections Section 7: HANDLING AND STORAGE
Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION
Section 13: DISPOSAL CONSIDERATIONS

Section 7: HANDLING AND STORAGE

7.1. Precautions for Safe Handling

Advice on Safe Handling Handle in accordance with good industrial hygiene and safety practice. Avoid generation of dust. Avoid contact with skin and eyes. Wash contaminated clothing before reuse.

7.2. Conditions for Safe Storage, including any Incompatibilities

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice.

Storage Conditions Keep out of the reach of children. Protect from direct contact with water or excessive moisture. Keep the packing dry and well sealed to prevent contamination and absorption of humidity.

Incompatible Materials No information available

7.3. Specific End Use(s)

Other Information No information available.

Safety Data Sheet

B.TLGRT off wht
Version 1

Revision Date 26-Mar-2017
Supersedes Date: 26-Mar-2017

7.4. References to Other Sections

Reference to Other Sections Section 13: DISPOSAL CONSIDERATIONS. Section 10: STABILITY AND REACTIVITY.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control Parameters

Exposure Limits

Chemical Name	China	Japan	Korea	New Zealand	Australia
Calcium hydroxide 1305-62-0			TWA: 5 mg/m ³	TWA: 5 mg/m ³	5 mg/m ³
Zinc stearate 557-05-1			TWA: 10 mg/m ³	TWA: 10 mg/m ³	10 mg/m ³

Chemical Name	European Union	ACGIH TLV	NIOSH IDLH	OSHA PEL
Calcium hydroxide 1305-62-0	TWA: 5 mg/m ³	TWA: 5 mg/m ³	TWA: 5 mg/m ³	TWA: 15 mg/m ³ total dust TWA: 5 mg/m ³ respirable fraction
Zinc stearate 557-05-1	-	TWA: 10 mg/m ³ except stearates of toxic metals	TWA: 10 mg/m ³ total dust TWA: 5 mg/m ³ respirable dust	TWA: 15 mg/m ³ total dust TWA: 5 mg/m ³ respirable fraction

Derived No Effect Level (DNEL) No information available

Predicted No Effect Concentration (PNEC) No information available

Other Information No information available

8.2. Exposure Controls

Engineering Controls Ensure adequate ventilation, especially in confined areas.

PPE - Personal Protection Equipment

Eye/Face Protection	Wear safety glasses with side shields (or goggles).
Skin and Body Protection	Wear suitable protective clothing. No special technical protective measures are necessary under normal conditions.
Hand Protection	Wear suitable chemical resistant gloves. The selection of suitable gloves does not only depend on the material, but also on further marks of quality and various manufacturers.
Respiratory Protection	No protective equipment is needed under normal use conditions. Respiratory protection required in insufficiently ventilated working areas and during spraying. An air-fed mask, or for short periods of work, a combination of professional filter is recommended.
General Hygiene Considerations	Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Avoid contact with skin, eyes or clothing. Take off contaminated clothing and wash before reuse.

Environmental Exposure Controls No information available.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on Basic Physical and Chemical Properties

Appearance	Powder
Color	White
Odor	Odorless
Odor Threshold	Not applicable

Property	Values	Remarks • Method
pH	No information available	

Safety Data Sheet

B.TLGRT off wht
Version 1

Revision Date 26-Mar-2017
Supersedes Date: 26-Mar-2017

Melting Point/Freezing Point	No information available
Boiling Point	No information available
Flash Point	No information available
Evaporation Rate	No information available
Flammability (solid, gas)	No information available
Flammability Limit in Air	No information available
Upper Flammability Limit	No information available
Lower Flammability Limit	No information available
Vapor Pressure	No information available
Vapor Density	No information available
Relative Density	No information available
Water Solubility	No information available
Solubility in Other Solvents	No information available
Partition Coefficient	No information available
Autoignition Temperature	No information available
Decomposition Temperature	No information available
Kinematic Viscosity	No information available
Dynamic Viscosity	No information available
Explosive Properties	No information available
Oxidizing Properties	No information available

9.2. Other Information

Softening Point	No information available
Molecular Weight	No information available
Solvent Content (%)	No information available
Solid Content (%)	100
Density	No information available
Bulk Density	No information available
VOC	

Section 10: STABILITY AND REACTIVITY

10.1. Reactivity

Reactivity None under normal use conditions.

10.2. Chemical Stability

10.3. Possibility of Hazardous Reactions

Possibility of Hazardous Reactions None under normal processing.

Hazardous Polymerization None under normal processing.

10.4. Conditions to Avoid

Conditions to Avoid Heat, flames and sparks.

10.5. Incompatible Materials

Incompatible Materials No information available.

10.6. Hazardous Decomposition Products

Hazardous Decomposition Products None under normal use conditions.

Section 11: TOXICOLOGY INFORMATION

11.1. Information on Toxicological Effects

Acute Toxicity

Safety Data Sheet

B.TLGRT off wht
Version 1

Revision Date 26-Mar-2017
Supersedes Date: 26-Mar-2017

Product Information	Product does not present an acute toxicity hazard based on known or supplied information.
Inhalation	No Data Available.
Eye contact	No Data Available.
Skin Contact	No Data Available.
Ingestion	No Data Available.

Numerical measures of toxicity

Unknown acute toxicity

- 0 % of the mixture consists of ingredient(s) of unknown acute oral toxicity
- 3.295 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity
- 4.6225 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)
- 4.6225 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)
- 4.6225 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Calcium hydroxide 1305-62-0	= 7340 mg/kg (Rat)	-	-
Zinc stearate 557-05-1	> 10 g/kg (Rat)	> 2000 mg/kg (Rabbit)	-

Delayed and Immediate Effects as well as Chronic Effects from Short and Long-term Exposure

Skin Corrosion/Irritation	No information available.
Serious Eye Damage/Eye Irritation	No information available.
Sensitization	No information available.
Germ Cell Mutagenicity	No information available.
Reproductive Toxicity	No information available.
STOT - Single Exposure	No information available.
STOT - Repeated Exposure	No information available.
Target Organ Effects	Eyes, Lungs, Respiratory system, Skin.
Aspiration Hazard	No information available.
Carcinogenicity	No information available.

IARC (International Agency for Research on Cancer) *Group 1 - Carcinogenic to Humans Group 2B - Possibly Carcinogenic to Humans*

Section 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Ecotoxicity

Product Information

None known.

Component Information

Data obtained on the component(s) include

Chemical Name	Algae/Aquatic Plants	Fish	Crustacea
Calcium hydroxide 1305-62-0	-	LC50 96 h = 160 mg/L (Gambusia affinis static)	-

12.2. Persistence and Degradability

No information available.

12.3. Bioaccumulative Potential

No information available.

12.4. Mobility in Soil

Safety Data Sheet

B.TLGRT off wht
Version 1

Revision Date 26-Mar-2017
Supersedes Date: 26-Mar-2017

No information available.

12.5. Results of PBT and vPvB Assessment

The components in this formulation do not meet the criteria for classification as PBT or vPvB.

12.6. Other Adverse Effects

No information available.

Endocrine Disruptor Information

Section 13: DISPOSAL CONSIDERATIONS

13.1. Waste Treatment Methods

Waste from Residues/Unused Products Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated Packaging Disposal should be in accordance with applicable regional, national and local laws and regulations.

Section 14: TRANSPORTATION INFORMATION

IMDG Not regulated

IATA Not regulated

ADR Not regulated

Section 15: REGULATORY INFORMATION

National Regulations

China

Not applicable

Japan

Not applicable

Korea

K-REACH/chemical control act(CCA)

This product does not contain phase-in substances subject to registration, toxic substances, substances subject to authorization, restricted substances, prohibited substances, substances requiring preparation for accidents regulated under the Chemicals Control Law

International Regulations

Europe

Restrictions of Use of Hazardous Substances (RoHS) Directive 2011/65/EU

This product does not contain Lead (7439-92-1), Cadmium (7440-43-9), Mercury (7439-97-6), Hexavalent chromium

Safety Data Sheet

B.TLGRT off wht
Version 1

Revision Date 26-Mar-2017
Supersedes Date: 26-Mar-2017

(7440-47-3), Polybrominated biphenyls (PBB), and Polybrominated diphenyl ethers (PBDE) above the regulated limit mentioned in this regulation.

EU-REACH (1907/2006) - Candidate List of Substances of Very High Concern (SVHC) for Authorization in accordance with Article 59

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)

Section 16: OTHER INFORMATION

Local Contacts

Bostik Korea, Ltd.
6F, 21
Gukhoe-daero 62-gil Yeongdeungpo-gu
Seoul, 07236
Korea
Tel: +82-02-3703-6870
Fax: +82-02-3703-6850

Bostik-Nitta Co, Ltd
2-22,Futamata
Yao, Osaka
Japan
Tel: 81-72-948-8286
Fax: 81-72-948-8273

Bostik India Private Ltd
124/1 & 124/2A
Kachanayakanahalli
Behind Bommasandra Indl.Area
Off Hosur Road, Hennagara Post,
Anekal Taluk
Bangalore - 562106, Karnataka,
INDIA
Tel: 0091-80-27833520
Fax: 00 91-80-27831324
Email: Bostikinfo.India@bostik.com

Bostik Findley (Malaysia) Sdn. Bhd
Lot 112 & 113,
Kawasan Perindustrian senawang,
seremban, negeri sembilan, Malaysia
Tel: 606-6789788
Fax: 606-6789766

Bostik Findley (Malaysia) S/B
(Singapore Branch)
2 Jurong East
Street 21 #02-184
IMM Building
Singapore 609601
Tel: 65-6863-4088
Fax: 65-6863-4077

Bostik (Thailand) Co., Ltd
1/32 Bang-na Thani
Tower 16th A Foolr.
Soi Bangna-Trad 34,
Bangna-Trad rd.
Bang-na, Bangkok
Tel: 02-361 6460-7
Fax: 02-361 6469
Bostik Vietnam Company Limited
10 Doc Lap Avenue,
VSIP 1. Thuan An District,
BinhDuong Province. Viet Nam.
Tel: 84 650 3765105
Fax: 84 650 3765109

Bostik Phillippines, Inc.
35/F Raffles Corporate Center,
F. Ortigas Jr. Road
Ortigas Business Center,
Pasig city, Phillippines
Tel: 632-900-5656
Fax: 632-900-5622

Bostik Indonesia
Setiabudi Atrium Building,
Level 2, Suite 203 A
Jl. HR Rasuna Said
Jakarta Indonesia 12920
Tel: 62 21 521 0404
Fax: 62 21 521 0554
Jiangsu Bositk Adhesive Co.,Ltd
No.15-9, Xinggang Road, Changshu
Enconomic Development Zone
Jiangsu Province 215536
Tel: 0086-512-52266000
Fax: 0086-512-52266020

Bostik Findley (China) Adhesive Ltd
No.75, Xin Zhuang 2 Road, Yong He
District, GETDD
Guangzhou, China 511356
Tel: 020-8297 5266
Fax: 020-8297 5277

Bostik Australia Pty Ltd
51-71 High street,
Thomastown Victoria
Australia
Tel: 613 9279-9333
Fax: 613 9279-9342
24-hr Emergency: 1800 033 111
Bostik New Zealand Limited
19 Eastern Hutt Road Wingate,
Lower Hutt, New Zealand
Tel: 04-567 5119
Fax: 04-567 5412

Key or Legend to Abbreviations and Acronyms Used in the Safety Data Sheet

No information available

Key Literature References and Sources for Data

No information available

Prepared By Product Safety & Regulatory Affairs

Revision Date 26-Mar-2017

Revision Note Not applicable.

Safety Data Sheet

B.TLGRT off wht
Version 1

Revision Date 26-Mar-2017
Supersedes Date: 26-Mar-2017

Training Advice

No information available

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The 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 process, unless specified in the text.

End of Safety Data Sheet