



**SAFETY DATA SHEET**  
**BT2K500 / BT2K600 /**  
**BT2K750**

According to Regulation (EU) No 2015/830

**SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**

**1.1. Product identifier**

Product name **BT2K500 / BT2K600 / BT2K750**  
Product no **BT2K500 / BT2K600 / BT2K750 (Powder Component)**

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

Identified uses Professional use.  
Cold applied, two component, cement and bitumen polymer dispersion based waterproofing material. It is used for adhesion of thermal insulation plates in the isolation of mineral surfaces such as concrete, stone, brick, briquettes, plaster, stalks, etc. under surfaces such as foundation, curtain wall and basement.

**1.3. Details of the supplier of the safety data sheet**

Supplier/Manufacturer **BTM Bitümlü Tecrit Maddeleri San. ve Tic A.Ş.**  
Kemalpaşa Org.San.Blg.Mah. Gazi Blv.No:152  
PK:35730 Kemalpaşa İzmir-Turkey  
Tel: +90 (232) 877 04 02  
Fax: +90 (232) 877 04 10  
[www.btm.co](http://www.btm.co)

Contact Person İşıl TEZEL - Department of AR & GE

**1.4. Emergency telephone number**

BTM: +90 232 877 0402 – 224 (office hours)

**SECTION 2: HAZARDS IDENTIFICATION**

**2.1. Classification of the substance or mixture**

**Classification (EC 1272/2008)**

Physical and Chemical Hazards Not classified.  
Human health Skin Irrit. 2 - H315; Skin Sens. 1 - H317; Eye Dam. 1 - H318; STOT SE 3 - H335  
Environment Not classified.

**2.2. Label elements**

Label In Accordance With (EC) No. 1272/2008



Signal Word Danger

Contains Cement, portland, chemicals

**Hazard Statements**

H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
H318 Causes serious eye damage.  
H335 May cause respiratory irritation.



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### **Precautionary Statements**

- P264 Wash hands thoroughly after handling.  
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P501 Dispose of contents/container in accordance with national regulations.

### **2.3. Other hazards**

There is a no another predicted hazard.  
This product does not contain any PBT or vPvB substances.

## **SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

### **3.2. Mixtures**

Name	EC No.	CAS No.	Content	Classification (EC 1272/2008)
Cement, portland, chemicals	266-043-4	65997-15-1	30-50%	Skin Irrit. 2- H315 Skin Sens. 1 – H317 Eye Dam. 1 - H318 STOT SE 3 - H335
Quartz (SiO <sub>2</sub> )	238-878-4	14808-60-7	40-60 %	---

### **Composition Comments**

- The data shown are in accordance with the latest EC Directives.

## **SECTION 4: FIRST AID MEASURES**

### **4.1. Description of first aid measures**

#### **Inhalation**

Get medical attention if any discomfort continues.

#### **Ingestion**

Never make an unconscious person vomit or drink fluids! Rinse mouth thoroughly. Get medical attention if any discomfort continues.

#### **Skin contact**

Remove victim contamination area. Remove contaminated clothing. Wash the skin with soap and water. Get medical attention promptly if symptoms occur after washing.

#### **Eye contact**

Take victim immediately from exposure area to another location. Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Get medical attention if any discomfort continues.

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

**Inhalation** : May cause respiratory irritation.

**Ingestion** : Irritation.

**Skin contact** : Causes skin irritation.

**Eye contact** : Causes serious eye damage.

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

Treat Symptomatically.



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### **SECTION 5: FIREFIGHTING MEASURES**

#### **5.1. Extinguishing media**

**Extinguishing media** : Foam, carbon dioxide, water spray, dry powder.

**Unsuitable extinguishing media** : No data available.

#### **5.2. Special hazards arising from the substance or mixture**

##### **Specific hazards**

In case of fire, toxic gases may be formed. Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).

#### **5.3. Advice for firefighters**

##### **Special Fire Fighting Procedures**

Avoid breathing fire vapours. Move container from fire area if it can be done without risk.

If possible, fight fire from protected position.

##### **Protective equipment for fire-fighters**

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Face mask, protective gloves and safety helmet.

### **SECTION 6: ACCIDENTAL RELEASE MEASURES**

#### **6.1. Personal precautions, protective equipment and emergency procedures**

Wear protective clothing as described in Section 8 of this safety data sheet. Avoid contact with skin and eyes. Do not breathe.

#### **6.2. Environmental precautions**

No special requirements. Should not be released into the environment.

#### **6.3. Methods and material for containment and cleaning up**

Use it again if possible. Collect in containers and seal securely. Label containers appropriately.

Remove containers and flush area with water.

#### **6.4. Reference to other sections**

For personal protection, see section 8.

See section 11 for additional information on health hazards.

For waste disposal, see section 13.

### **SECTION 7: HANDLING AND STORAGE**

#### **7.1. Precautions for safe handling**

Do not eat, drink or smoke when using the product. Avoid contact with eyes.

Read and follow manufacturer's recommendations. Protect against direct sunlight. If it is assembled with hot process, do not breath vapour / gas / dust. If necessary, wear respiratory protective equipment. Provide adequate ventilation.

#### **7.2. Conditions for safe storage, including any incompatibilities**

Store in tightly closed original container in a dry, cool and well-ventilated place.

Keep away from food, drink and animal feeding stuffs. Protect from light, including direct sunrays.

#### **7.3. Specific end use(s)**

The identified uses for this product are detailed in Section 1.2.

### **SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

#### **8.1. Control parameters**

WEL: 10 mg/m<sup>3</sup> + 0.025 mg/m<sup>3</sup> / (% SiO<sub>2</sub>) – resp.

REL: 0.05 mg/m<sup>3</sup> – resp.



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### **8.2. Exposure controls**

#### **Protective equipment**



#### **Process conditions**

Provide eyewash, quick drench.

#### **Engineering measures**

Provide adequate ventilation. Observe Occupational Exposure Limits and minimise the risk of inhalation of vapour/dust.

#### **Respiratory equipment**

Not necessary under normal conditions. If it is assembled with hot process, do not breath vapour / gas / dust. If necessary, wear respiratory protective equipment.

#### **Hand protection**

Use protective gloves made of: Rubber, neoprene or PVC. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.  
Use fire-resistant gloves for hot process.

#### **Eye protection**

Wear chemical resistant safety goggles where there is danger of eye contact.

#### **Hygiene measures**

Wash hands after contact. Change work clothing daily before leaving work place.  
Wash contaminated clothing before reuse. When using do not eat, drink or smoke.

#### **Skin protection**

Wear protective clothing.

#### **Environmental Exposure Controls**

Please act in accordance with local and national laws.

### **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

#### **9.1. Information on basic physical and chemical properties**

<b>Appearance</b>	Powder
<b>Colour</b>	Gray
<b>Odour</b>	Odourless.
<b>Solubility</b>	Insoluble in water.
<b>Boiling Point</b>	No data available.
<b>Flash Point</b>	No data available.
<b>Melting point</b>	No data available.
<b>Evaporation rate</b>	Not applicable.
<b>Vapor Density</b>	Not applicable.
<b>Density</b>	Not applicable.
<b>pH-Value</b>	Not applicable.
<b>Flammability (solid, gas)</b>	No data available.
<b>Decomposition temperature</b>	No data available.
<b>Partition coefficient</b>	No data available.
<b>Viscosity</b>	Not applicable.
<b>Auto Ignition Temperature(°C)</b>	No data available.



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### **9.2. Other information**

No information required.

## **SECTION 10: STABILITY AND REACTIVITY**

### **10.1. Reactivity**

No specific reactivity hazards associated with this product.

### **10.2. Chemical stability**

Stable under normal temperature conditions and recommended use. Stable under the prescribed storage conditions.

### **10.3. Possibility of hazardous reactions**

Polymerization does not occur.

### **10.4. Conditions to avoid**

Avoid exposure to high temperatures or direct sunlight.

### **10.5. Incompatible materials**

No incompatible groups noted.

### **10.6. Hazardous decomposition products**

None under normal conditions. During fire, toxic gases (CO, CO<sub>2</sub>) are formed.

## **SECTION 11: TOXICOLOGICAL INFORMATION**

### **11.1. Information on toxicological effects**

#### **Skin corrosion / irritation**

Causes skin irritation.

#### **Serious eye damage / irritation**

Causes serious eye damage.

#### **Respiratory or skin sensitisation**

May cause an allergic skin reaction.

#### **Carcinogenicity**

No data available.

#### **Reproduction Toxicity**

No data available.

#### **STOT - single exposure**

May cause respiratory irritation.

#### **STOT - repeated exposure**

No data available.

#### **Aspiration toxicity**

Not applicable.

## **SECTION 12: ECOLOGICAL INFORMATION**

### **12.1. Toxicity**

#### **Ecotoxicity**

The product is not classified as environmentally hazardous. The product is estimated to be low ecological toxicity due to the product is solid and insoluble in water.

### **12.2. Persistence and degradability**

No data available.



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### **12.3. Bioaccumulative potential**

No data available.

### **12.4. Mobility in soil**

Insoluble in water.

### **12.5. Results of PBT and vPvB assessment**

This product does not contain any PBT or vPvB substances.

### **12.6. Other adverse effects**

Should not be released to the environment.

## **SECTION 13: DISPOSAL CONSIDERATIONS**

### **13.1. Waste treatment methods**

Dispose of waste and residues in accordance with local authority requirements.  
Environmental manager must be informed of all major spillages. Recommended that product waste be recycled.

## **SECTION 14: TRANSPORT INFORMATION**

**General** The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

### **14.1. UN number**

Not applicable.

### **14.2. UN proper shipping name**

Not applicable.

### **14.3. Transport hazard class(es)**

#### **Transport Labels**

No transport warning sign required.

### **14.4. Packing group**

Not applicable.

### **14.5. Environmental hazards**

Environmentally Hazardous Substance/Marine Pollutant No.

### **14.6. Special precautions for user**

Not applicable.

### **14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

Not applicable.

## **SECTION 15: REGULATORY INFORMATION**

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

#### **Guidance Notes**

Workplace Exposure Limits EH40. CHIP for everyone HSG(108).

#### **EU Legislation**

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.

### **15.2. Chemical Safety Assessment**

See the cosmetic product safety assessment.



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### **SECTION 16: OTHER INFORMATION**

#### **Revision Comments**

This is first issue.

#### **Hazard Statements In Full**

- H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
H318 Causes serious eye damage.  
H335 May cause respiratory irritation.

#### **Issued By**

Bülent Özdemir / CRAD  
www.crad.com.tr gbf@crad.com.tr

#### **Issued Note**

This SDS is prepared based on the information and documents received from product owner. CRAD or/and SDS author shall not be responsible for incorrect prepared of SDS and pecuniary loss or intangible damages because of deficient or wrong information and documents which comes from product owner.

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