



## Safe Use Instructions Sheet \*

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### 1. Identification of the Product and the Company

#### ISOVER Protect BSK

##### Use of the Product:

Inorganic binder / adhesive for professional and industrial application.

##### Company:

SAINT-GOBAIN ISOVER G+H AG  
Buergermeister-Gruenzweig-Straße 1  
D - 67059 Ludwigshafen/Rhein

Telephone:

++49 (0)621 501 200

Telefax:

++49 (0)621 501 201

E-Mail:

dialog@isover.de

Department:

ISOVER Dialog

Emergency telephone number:

++49 (0)621 501 200 (open at usual working hours)

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### 2. Hazard Identification

##### Classification according to Directive 67/548/EEC or Directive 1999/45/EC:

Not applicable

##### Classification system:

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

##### Labelling according to EU guidelines:

The classification is based on available toxicological data. Observe the general safety regulations when handling chemicals

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### 3. Composition / Information on Ingredients

##### Chemical characteristics:

Mixture of substances listed below with nonhazardous additions.

##### Hazardous ingredients

CAS: 1344-09-8

EINECS: 215-687-4

Silicic acid, sodium salt, mol ratio > 3,2  
< 40%

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## 4. First Aid Measures

### General information:

No special measures required.

### In case of skin contact:

Immediately rinse with water.

### In case of eye contact:

Rinse opened eye for several minutes under running water.

### After swallowing:

Rinse out mouth and then drink plenty of water. Call a doctor immediately.

If first aid measures don't produce relief or discomfort continues, call on medical advice.

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## 5. Fire Fighting Measures

### Suitable extinguishing media:

The product itself is not combustible; define extinguishing measures according to neighbouring conditions.

### Protective equipment:

No special measures required.

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## 6. Accidental Release Measures

### Person-related safety precautions:

Particular danger of slipping on leaked/spilled product.

### Measures for environmental protection:

Do not allow to enter sewers/ surface or ground water.

### Measures for cleaning/collecting:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

### Additional information:

See Section 8 for information on personal protection equipment.

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## 7. Handling and Storage

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## **Handling:**

Information for safe handling:

Avoid contact with eyes, skin and clothing.

Information about fire –  
and explosion protection:

No special measures required.

## **Storage:**

Requirements to be met by storerooms and receptacles:

Do not use light alloy receptacles.

Unsuitable material for receptacle: aluminium.

Unsuitable material for receptacle: glass or ceramic.

Unsuitable material for receptacle: zinc.

Suitable material for receptacles and pipes:

Steel or stainless steel.

Information about storage in one common storage facility:

Do not store together with acids.

Further information about storage conditions:

Protect from frost.

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

### **Ingredients with limit values that require monitoring at the workplace:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

### **Additional information:**

The lists valid during the making were used as basis.

### **Personal protective equipment:**

#### **General protective and hygienic measures:**

The usual precautionary measures are to be adhered to when handling chemicals.

#### **Respiratory protection:**

Not required.

#### **Protection of hands:**

Alkaline resistant gloves

#### **Material of gloves:**

Natural Latex with small amount of polychloroprene Latex.  
(Lapren, Company KCL)

#### **Penetration time of glove material:**

Value for the permeation: Level <sup>3</sup> 6. Indications are based on information by the producer of the gloves resp. literature or derived from similar substances by analogy.

#### **Eye protection:**

Safety glasses

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## **9. Physical and Chemical Properties**

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## **General information:**

|                 |           |
|-----------------|-----------|
| Physical state: | Solid     |
| Colour:         | Yellowish |
| Odour:          | Odourless |

## **Safety relevant basis data:**

|                                         |                                               |
|-----------------------------------------|-----------------------------------------------|
| Boiling point / boiling range:          | > 100°C                                       |
| Flash point:                            | Not applicable                                |
| Self-igniting:                          | Product is not selfigniting.                  |
| Danger of explosion:                    | Product does not present an explosion hazard. |
| Density at 20°C:                        | ca. 1.9 g/cm <sup>3</sup>                     |
| Solubility in / Miscibility with Water: | Fully miscible                                |
| pH-value (100 g/l) at 20°C:             | ca. 11.3                                      |
| Viscosity dynamic at 20°C:              | ca. 15000 mPas                                |
| Organic solvents:                       | 0.0 %                                         |

## **10. Stability and Reactivity**

### **Conditions to be avoided:**

No decomposition if used according to specifications.

### **Materials to be avoided:**

Strong exothermic reaction with acids.  
Reacts with light alloys to form hydrogen

### **Dangerous decompositon products:**

No

## **11. Toxicological Information**

### **Acute toxicity:**

LD/LC50 values relevant for classification:

1344-09-8 Silicic acid, sodium salt, mol ratio > 3,2  
Oral LD 50 > 2000 mg/kg (rat)

Primary irritant effect on the skin:

Slightly irritant

Primary irritant effect on the eye:

Slightly irritant

### **Sensitisation:**

No sensitizing effects known.

### **Additional toxicological information:**

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The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version. When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

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## 12. Ecological Information

### Ecotoxic effects:

Acquatic toxicity:

1344-09-8 Silicic acid, sodium salt, mol ratio > 3,2

EC 50 / 48h > 1000 mg/l (Daphnie)

LC 50 / 96h > 1000 mg/l (Brachydanio rerio)

### Remark:

No toxicity after neutralization.

### Behaviour in sewage processing plants:

The product is an alkaline solution. Neutralization is normally necessary before a waste water is discharged into sewage treatment plants.

### Additional ecological information:

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

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## 13. Information about Disposal

### Recommendation:

Can be disposed off with rubble after solidification following consultation with the waste disposal facility operator and the pertinent authorities and adhering to the necessary technical regulations.

### European waste catalogue:

Waste catalogue numbers are to be defined according to EWC-Directive, specially for application sectors.

### Uncleaned packaging:

Recommendation: Disposal must be made according to official regulations.

### Recommended cleansing agents:

Water, if necessary together with cleansing agents.

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## 14. Transport Information

### Land transport (ADR/RID/GGVSE):

Not classified.

### Inland water transport (ADN/ADNR):

Not classified.

### Sea transport (IMDG):

Not classified.

### Air transport (ICAO-TI / IATA-DGR):

Not classified.

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## 15. Regulatory Information

### Chemical safety assessment:

A Chemical Safety Assessment has not been carried out.

### Water hazard class:

Water hazard class 1, slightly hazardous for water

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## 16. Other Information:

This product is designed exclusively for professional and industrial application.

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This Safe Use Instruction Sheet is based on our current knowledge at the date of issue and is supposed to describe Saint-Gobain ISOVER G+H products with regard to safety requirements. It is not meant to guaranty with a legally binding effect the presence/absence of certain properties.