



Safe Use Instructions Sheet *

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1. Identification of the Product and the Company

ISOVER Protect BSF Brandschutzfarbe
ISOVER Protect BSS Brandschutzspachtel

Use of the Products:

Fire protection coating

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)

2. Hazard Identification

Classification of the substance or mixture:

Not applicable (acc. to Directive 67/548/EEC or Directive 1999/45/EC)

Information concerning particular hazards for human and environment:

The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

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:

Observe the general safety regulations when handling chemicals. The product is not subject to identification regulations under EU Directives and the Ordinance on Hazardous Materials (German GefStoffV).

Other hazards:

PBT: Not applicable.

vPvB: Not applicable.

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3. Composition / Information on Ingredients

Chemical characteristics:

Protect BSF: Halogen-free, solvent-free and pH-neutral water-based dispersion.

Protect BSS: Halogen-free, solvent-free alkaline and malleable putty

Hazardous ingredients

None

4. First Aid Measures

In case of skin contact:

Wash with water and soap and rinse thoroughly. If irritation continues, consult a doctor.

In case of eye contact:

Rinse opened eye for several minutes under running water. If irritation continues, consult a doctor.

In case of swallowing:

If irritation continues, consult a doctor.

5. Fire Fighting Measures

Suitable extinguishing media:

CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam. Use fire extinguishing methods suitable to surrounding conditions.

Additional information:

No special measures required.

6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures:

Avoid contact with the eyes. Do not inhale gases / fumes / aerosols.

Environmental precautions:

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

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Methods and material for containment and cleaning up:

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

Reference to other sections:

See Section 13 for disposal information.

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

7. Handling and Storage

Handling:

Only for specialists. The usual safety measures for working with dispersion paints / putty are to be taken.

Fire and explosion protection:

No special measures required.

Storage:

Store only in the original receptacle. Store in cool, dry conditions in well sealed receptacles. Protect from frost.

Information about storage in one common storage facility:

Store away from foodstuffs.

8. Exposure Controls / Personal Protection

Exposure Controls:

Ingredients with limit values that require monitoring at the workplace:

115-77-5 pentaerythritol

WEL Short-term value: **20 mg/m³

Long-term value: 10* 4** mg/m³

*inhalable dust **respirable dust

General protective and hygienic measures:

Wash hands before breaks and at the end of work. Do not eat, drink, smoke or sniff while working.

Inhalation, skin and eye protection:

Inhalation protection not required.

Eye protection: If sprayed, wear safety glasses or face protection.

Body protection: Protective work clothing.

Protective gloves:

We recommend using gloves made of nitrile during work with

our paint or putty. The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

9. Physical and Chemical Properties

	Protect BSF (paint)	Protect BSS (putty)
<u>General information:</u>		
Physical state:	Pasty	Pasty
Colour:	White	white / grey
Odour:	Mild	Mild
pH-value:	~ 8	~ 8
Melting point/Melting range:	Undetermined	Undetermined
Boiling point/Boiling range:	Undetermined	Undetermined

Safety relevant basis data:

Flash point:	Not applicable	
Decomposition temperature:	Not determined	
Self-igniting:	Products are not self-igniting.	
Danger of explosion:	Products do not present an explosion hazard.	
Density at 20°C:	1.26-1.36 g/cm ³	1.30-1.40 g/cm ³
Miscibility with water:	Fully miscible	Partly miscible
Dynamic viscosity at 20°C:	16000 - 22000 mPas	50000 - 70000 mPas

10. Stability and Reactivity

Conditions to be avoided:

No decomposition if used according to specifications.

Materials to be avoided:

Avoid contact with other chemicals, specially strong alkalis.

Hazardous decomposition products:

Ammonia

11. Toxicological Information

Acute toxicity:

No primary irritant effect on skin.
No primary irritant effect on eye.

No sensitizing effects known.

Additional toxicological information:

The products are 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 products do not have any harmful effects to our experience and the information provided to us.

12. Ecological Information

Aquatic toxicity:

No further relevant information available.

Additional ecological information:

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous to water.

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

Results of PBT and vPvB assessment:

PBT: Not applicable.

vPvB: Not applicable.

Other adverse effects:

No further relevant information available.

13. Disposal Information

Smaller quantities can be disposed of with household waste. Uncleaned packaging must be disposed according to local regulations.

European waste catalogue:

08 04 15* - Aqueous liquid waste containing adhesives or sealants containing organic solvents or other dangerous substances.

Cleaning:

Water, if necessary together with cleansing agents.

14. Transport Information

Land transport (ADR/RID/GGVSE):

Not classified.

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Inland water transport (ADN/ADNR):

Not classified.

Sea transport (IMDG):

Not classified.

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

Not classified.

15. Regulatory Information

A Chemical Safety Assessment has not been carried out.

16. Other Information:

This safe use instruction sheet is only valid for the liquid products but not for the dried out products.

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 AG products with regard to safety requirements. It is not meant to guaranty with a legally binding effect the presence/absence of certain properties.