

## MATERIAL SAFETY DATA SHEET HOLDFAST® REIDS® BISON® FACADE

<u>PRODUCT IDENTIFICATION</u>				
<b>PRODUCT NAME: HOLDFAST® REIDS® BISON® FACADE</b>				
Supplier's Code	20020 (600ml sausage)			
Product Description	HOLDFAST® REIDS® BISON® Facade is a high-quality, elastic one-component joint sealant based on polyurethane.			
Chemical Nature	Preparation of polyurethane prepolymer, fillers and additives			
Use	Sealants of joints			
<u>HAZARDOUS INGREDIENTS</u>				
	CAS – Nr	Conc.	Symbol	R-phrases
Toluene	108-88-3	1-5%	F+Xn	11-20-42
MDI	101-68-8	<0.25%	Xn	20-36/37/38-42
DBTL	77-58-7	<0.05%	Xn	20/22-36
<b>Hazardous Identification:</b> Harmful if inhaled or ingested. May be irritating for eyes, skin and respiratory system. May cause sensitization by inhalation.				
<u>PHYSICAL DESCRIPTION / PROPERTIES</u>				
Form	Paste			
Density	Ca. 1.22 g/cm <sup>3</sup>			
Vapour Density	21 mbar @ 20°C			
Color	Grey			
Odour	Aromatic			
Solubility in other	Organic solvents			
Solubility in water	Not soluble			
Viscosity	Tixotropic paste			
<u>FIRST AID</u>				
<b>General:</b> In case of doubt or with persisting symptoms, obtain medical attention. Never pass anything through the mouth of an unconscious person.				
<b>Swallowed:</b> Do NOT induce vomiting. Wash out mouth with water and obtain medical attention.				
<b>Eye contact:</b> Irrigate with eyewash solution or clean water, holding the eyelids apart, for at least 10 minutes. Obtain medical attention.				
<b>Skin absorption:</b> Remove contaminated clothing. Wash skin with soap and water. Do NOT use solvents or thinners.				
<b>Inhalation:</b> Remove patient from exposure, keep warm and at rest.				
<u>PERSONAL PROTECTION INFORMATION</u>				
<b>Exposure limits:</b> MDI - MAC-VALUE, 0.005ppm, Toluene MAC-VALUE, 100ppm				
<b>General protection:</b> Wash hands before breaks and at the end of the working day. Observe the usual protective measures for manipulation of chemical substances.				

## SAFE STORAGE AND HANDLING

**Handling:** Keep containers dry and closed. Keep away from Foodstuffs. Wash hands thoroughly before breaks and at the end of the working day.

**Storage:** Store in a cool and well ventilated place in the original containers. Storage temperature between +5°C and +25°C.

## FIRE & EXPLOSION DATA

**Extinguishing media:** Waterjet, Foam, Powder, Carbon dioxide.

**Recommendations:** In case of fire carbon monoxide, nitro genoxides, isocyanate vapours and traces of cyanides may be formed. Fire fighters should wear self-contained breathing apparatus.

## ACCIDENTAL RELEASE MEASURES

**CAUTION** – spillages may be slippery. Absorb spillages onto sand, earth or any suitable absorbent material. Transfer to a container for disposal. Do not allow to enter drains, sewers or watercourses. Spilled material will polymerise under atmospheric moisture.

## REACTIVITY DATA

**Stability:** When stored and handled properly as stated, the product is stable.

**Hazardous Reactions:** Exothermic reaction with amins and alcohols. CO<sub>2</sub>-formation in reaction with water.

**Toxicological Information:** No information on the product itself is available. Many years of experience have not shown any dangers for health, if properly used and under the usual industrial hygiene, nor have any indications of damages for health been presented to us.

## ECOLOGICAL INFORMATION

Do not allow to enter drains, sewers or watercourses.

## REGULATORY INFORMATION

Labelling in accordance with directive 88/379/EEC.

## TRANSPORT INFORMATION

Not considered as 'dangerous goods'.

## DISPOSAL CONSIDERATIONS

Do not discharge into drains or the environment; dispose to an authorised water collection point. Disposal should be in accordance with local, state or national legalisation.

## HEALTH AND SAFETY RECOMMENDATION

Apply the usual industrial hygiene.