

# Material Safety Data Sheet

## Derbibond S

Sheet No: M401FR Issued: 24/04/12

Revision: 1 1<sup>st</sup> Issue: 16/06/05

Pages: 1 of 6

### 1. Identification of the substrate/preparation and of the company/undertaking

1.1 Identification/Trade name: Derbibond S

1.2 Use of the substance/preparation:  
Bituminous cold adhesive

1.3 Manufacturer/Supplier:

**Supplier:**

Alumasc Exterior Building Products Ltd

White House Works, Bold Road, Sutton, St Helens, Merseyside, WA9 4JG. United Kingdom

Tel: +44 (0)1744 648400 Fax: +44 (0)1744 648401 E-mail: [waterproofing@alumasc-exteriors.co.uk](mailto:waterproofing@alumasc-exteriors.co.uk)

**Manufacturer:**

IMPERBEL SA, Bergensesteenweg 32, B-1651 LOT - BRUSSELS - BELGIUM

Tel : +32 2 334 87 00, Fax : +32 2 378 14 69, [infoint@derbigum.com](mailto:infoint@derbigum.com)

1.4 Telephone number in case of emergency:  
+32 2 334 87 00 (09.00-17.00 Mon - Fri - local time)

### 2. Hazards identification

Substances which could entail a danger	%	CAS number	Symbols	R
Naphtha (petroleum) hydrotreated heavy	15 - 19%	64742-82-1	Xn-N	10-51/53-65-66-67
Naphtha (petroleum) hydrotreated light	9 - 11%	64742-49-0	Xn	10-65-66-67
N-alkyl "suif" trimethyl ammonium chloride	0.4%	8030-78-2	C-N	22-34-50
Impurities which could entail a danger	None			

# Material Safety Data Sheet

## Derbibond S

Sheet No: M401FR Issued: 24/04/12

Revision: 1 1<sup>st</sup> Issue: 16/06/05

Pages: 2 of 6

### 3. Composition and information about the components

Classification according to Directive 67/548/EEC	
Explosive	Not applicable
Oxidizing	Not applicable
Very highly flammable	Not applicable
Highly flammable	Not applicable
Flammable	Applicable
Mutagenic	Not applicable
Highly poisonous	Not applicable
Poisonous	Not applicable
Harmful	Applicable
Corrosive	Not applicable
Irritating	Not applicable
Carcinogenic	Not applicable
Others (to specify)	Dangerous for the environment

### 4. First-aid measures

- 4.1 **Skin:** Remove contaminated clothing. Immediately wash the affected area of skin with soap and water and rinse thoroughly. DO NOT USE SOLVENTS OR THINNERS. Consult a doctor if any symptoms persist.
- 4.2 **Eyes:** Rinse opened eye under running water for 15 minutes. Then consult a doctor if any symptoms persist.
- 4.3 **Ingestion:** Do not induce vomiting; take to hospital with a copy of this safety data sheet.
- 4.4 **Inhalation:** Move to fresh air; consult doctor if any symptoms persist.

### 5. Fire-fighting measures

- 5.1 **Extinguishing agents:**  
Use extinguisher suitable for the cause of the fire - Foam, Dry Powder, Atomized water.
- 5.2 **Unsuitable extinguishing agents:**  
Water

### 6. Accidental release measures

- 6.1 **Individual protection measures:**  
Respirator suitable for organic vapours if the recommended exposure limit (see 8.1) may be exceeded, impermeable gloves, glasses and appropriate clothing. Avoid skin contact as much as possible.

# Material Safety Data Sheet

## Derbibond S

Sheet No: M401FR Issued: 24/04/12

Revision: 1 1<sup>st</sup> Issue: 16/06/05

Pages: 3 of 6

### 6.2 Environmental protection measures:

Do not allow product to reach sewage system or any water course. If the product contaminates lakes, rivers or sewage, inform appropriate authorities in accordance with local regulations. Contain and soak up spilled liquid with sand, earth or an appropriate absorbing agent.

### 6.3 Cleaning/collecting methods:

Use White Spirit for the cleaning of the floor and all objects contaminated with the material

## 7. Handling and storage

### 7.1 Handling:

Special handling precautions: Use in an adequately ventilated area.  
Take measures against the discharge of static electricity.

### 7.2 Storage:

Special storage precautions: Keep container tightly closed, away from sources of ignition and direct sunlight.

Packing materials to avoid: None

Dangerous reactions : None

## 8. Exposure controls/personal protection

### 8.1 Exposure controls:

Recommended airborne concentration for naphtha is less than 100 ppm.

### 8.2 Personal protective equipment:

Respirator suitable for organic vapours if the recommended exposure limit (see 8.1) may be exceeded, impermeable gloves, glasses and appropriate clothing. Avoid skin contact as much as possible.

# Material Safety Data Sheet

## Derbibond S

Sheet No: M401FR Issued: 24/04/12

Revision: 1 1<sup>st</sup> Issue: 16/06/05

Pages: 4 of 6

### 9. Physical and chemical properties

#### 9.1 General information

Supplied as a viscous black paste with a bituminous odour with a low level of solvent. Black in colour.

#### 9.2 Important health, safety and environmental information

Melting point	Not applicable.
Softening point (preparation)	6 <sup>o</sup> C
Boiling point	150 <sup>o</sup> C
Decomposition points: With decomposition products	Not applicable. Not applicable.
pH	Not applicable.
Vapour pressure (at 20 °C)	6 hPa
Relative density (at 20 °C)	1.07
Kinematic viscosity at 40 °C	12 10 <sup>3</sup> mm <sup>2</sup> /s
Physical state at 20 °C	Pasty
Solubility in water at 20 °C	Nil
Flash Point	45°C (used method : ISO 3680)
Autoignition	Over 300 °C
Surface tension	Not applicable.
Distribution coefficient/octanol/water	Not applicable.
Colour	Black

### 10. Stability and reactivity

#### 10.1 Stability:

Circumstances which could cause dangerous reactions - Nil. Oxides of carbon may be produced in a fire situation.

#### 10.2 Materials to be avoided:

Avoid contact with strong oxidising agents, strong acids and strong alkalis.

# Material Safety Data Sheet

## Derbibond S

Sheet No: M401FR Issued: 24/04/12

Revision: 1 1<sup>st</sup> Issue: 16/06/05

Pages: 5 of 6

### 11. Toxicological information

11.1 Toxicological data: (for naphtha):	LD50 (oral for rats):	>2,000 mg/kg
	LD50 (dermatological for rats):	>2,000 mg/kg
	LC50 (respiratory):	3.4-5.5 mg/l/4H
	Mutagenic effect	not determined

11.2 Other Data: Potential for irritation of eyes, skin and respiration on prolonged exposure.  
Causes nausea when swallowed

### 12. Ecological information

The ecotoxicological data have not been specifically determined for this product. The information given below is based upon knowledge of the components and similar products.

**Biodegradability:** Not easily biodegradable.

**Bioaccumulation:** Contains substances that potentially bioaccumulate.

**Mobility:** Partially evaporates from water or earth, but a significant percentage will remain after one day. If it penetrates into the soil it is absorbed into sediments and is not mobile.

**Ecotoxicity:** R51/53 Toxic for aquatic organisms and can cause long term effects in the aquatic environment. Slightly soluble and can cause physical contamination in the aquatic environment.

### 13. Disposal considerations

**Product:** Class EN of waste: 08 04 09

**Packing:** Clean empty drums are class 1 waste and preferably disposed of by controlled combustion.

### 14. Transport information

#### Transport by Road ADR/RID:

ADR Class	3
Classification code	F1
UN Number	3295
Packing group	III
Transport Label	3
Danger identification number	30
Proper shipping name	HYDROCARBONS, LIQUID, N.O.S. (turpentine substitute)

# Material Safety Data Sheet

## Derbibond S

Sheet No: M401FR Issued: 24/04/12

Revision: 1 1<sup>st</sup> Issue: 16/06/05

Pages: 6 of 6

**Transport by Sea:**

IMDG class	3
UN Number	3295
Packing group	III
Transport label	3
EmS	F-E, S-D.
Marine pollutant	yes
Proper shipping name	HYDROCARBONS, LIQUID, N.O.S. (turpentine substitute)

**Transport by Air:**

IATA class	3
UN Number	3295

### 15. Regulatory information

**Labelling**

Danger symbols:	nil
(R) Risk phrases:	10 Flammable
	52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
	66 Repeated exposure may cause skin dryness or cracking.
	67 Vapours may cause drowsiness and dizziness.
(S) Safety phrases:	40 To clean the floor and all objects contaminated by this material Use White Spirit.
	51 Use only in well-ventilated areas.

### 16. Other information

**16.1 Complete text of component R phrases (where not included in that for the product):**

22	Harmful if swallowed.
34	Causes burns.
50	Very toxic to aquatic organisms.
51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
65	Harmful: may cause lung damage if swallowed.