

SAFETY DATA SHEET

Conforms to EU Directive 91/155/EEC, as amended by 2001/58/EC - Germany



1. Identification of the substance/preparation and company/undertaking

Identification of the substance/preparation

Product name or Trade name :

Biresin® G26 Resin (A)

Company/undertaking identification

Manufacturer/Supplier	SOUTH WESTERN INDUSTRIAL PLASTERS
Street/postbox	63 Netherstreet, Bromham
Town/City and Post Code	CHIPPENHAM, SN15 2DP
Country	UK
Telephone no.:	+44 (0)1380 850616
Fax no.	+44 (0)1380 859638
Emergency telephone number	+49-(0)173-6774799 (Only out of office hour)

2. Composition/information on ingredients

Chemical family/
Characteristics : Modified polyol

Ingredient name	CAS number	%	EC number	Classification
Alkyl amino polyoxyalkylenol	25214-63-5	35-50	500-035-6	Xi; R36
Distillates (petroleum), hydrotreated light, bp. > 240°C	64742-47-8	10-20	265-149-8	Xn; R65
Propylene carbonate	108-32-7	5-10	203-572-1	R66
Solvent naphtha (petroleum), light arom.	64742-95-6	<0.25	265-199-0	Xi; R36
See section 16 for the full text of the R-phrases declared above				R10
				Xn; R65
				Xi; R37
				R66, R67
				N; R51/53

Occupational exposure limits, if available, are listed in section 8.

3. Hazards identification

Classification : Xi; R36

Human health hazards : Irritating to eyes.

See section 11 for more detailed information on health effects and symptoms.

4. First-aid measures

First-aid measures

Inhalation	: Get medical attention if adverse health effects persist or are severe.
Ingestion	: Do not induce vomiting unless directed to do so by medical personnel. Maintain an open airway. Seek immediate medical attention.
Skin contact	: Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Obtain medical attention if symptoms occur.
Eye contact	: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.

4. First-aid measures

Notes to physician

- : In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.

See section 11 for more detailed information on health effects and symptoms.

5. Fire-fighting measures

Extinguishing media

- Suitable** : Use an extinguishing agent suitable for the surrounding fire.
- Not suitable** : None known.
- Special exposure hazards** : In a fire or if heated, a pressure increase will occur and the container may burst.
- Hazardous combustion products** : Decomposition products may include the following materials:
carbon oxides
nitrogen oxides
- Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

6. Accidental release measures

Personal precautions

- : Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment (see section 8).

Environmental precautions

- : Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Large spill

- : Stop leak if without risk. Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see section 13).

Small spill

- : Stop leak if without risk. Move containers from spill area. Absorb with an inert material and place in an appropriate waste disposal container.

7. Handling and storage

Handling

- : Put on appropriate personal protective equipment (see section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Do not breathe vapour or mist. Avoid contact with eyes, skin and clothing. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous.

Storage

- : Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination.

Packaging materials**Recommended**

- : Use original container.

8. Exposure controls/personal protection

Exposure limit values

Ingredient name	Occupational exposure limits
No exposure limit value known.	

Recommended monitoring procedures : If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to European Standard EN 689 for methods for the assessment of exposure by inhalation to chemical agents and national guidance documents for methods for the determination of hazardous substances.

Occupational exposure controls : Good general ventilation should be sufficient to control worker exposure to airborne contaminants. If this product contains ingredients with exposure limits, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure below any recommended or statutory limits.

Hygiene measures : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing.

Respiratory protection : Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Hand protection Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Recommended: Butyl rubber/nitrile rubber gloves

Eye protection : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts.

Skin protection : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. Recommended: Use barrier skin cream.

Environmental exposure controls : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

9. Physical and chemical properties

General information

Appearance

Form : Liquid.

Colour : Beige.

Odour : Characteristic.

Important health, safety and environmental information

Flash point : Closed cup: >101°C (>213.8°F)

Density : ~1 g/cm³ [20°C (68°F)]

10. Stability and reactivity

Stability	: The product is stable. Under normal conditions of storage and use, hazardous polymerisation will not occur.
Conditions to avoid	: No specific data.
Materials to avoid	: No specific data.
Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11. Toxicological information

Potential acute health effects

Inhalation	: May cause irritation.
Ingestion	: Can cause gastrointestinal disturbances.
Skin contact	: May cause skin irritation.
Eye contact	: Irritating to eyes.
Chronic effects	: No known significant effects or critical hazards.

12. Ecological information

Environmental effects	: Avoid contact of spilt material and runoff with soil and surface waterways. Do not empty into drains; dispose of this material and its container in a safe way.
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13. Disposal considerations

Methods of disposal	: Completely emptied packagings can be given for recycling. Packaging containing remains of dangerous substances, as well as packagings disposed of remains can be unharmed eliminated in accordance with the regulations.
Packaging	: Completely emptied packagings may be given for recycling. Empty packaging may still contain hazardous residues. Empty packaging should be removed by a licensed waste contractor.

14. Transport information

International transport regulations

ADR

Not regulated.

IMDG

Not regulated.

Marine pollutant

: No.

IATA

Not regulated.

15. Regulatory information

EU regulations

Classification and labeling have been determined according to EU Directives 67/548/EEC and 1999/45/EC (including amendments) and take into account the intended product use.

Hazard symbol or symbols : Xi

Irritant

Risk phrases : R36- Irritating to eyes.

VOC content (EU) : VOC (w/w): 0.37%

15. Regulatory information

National regulations

Hazard class for water : 1 Appendix No. 4

16. Other information

Full text of classifications referred to in sections 2 and 3 : R10- Flammable.
R65- Harmful: may cause lung damage if swallowed.
R36- Irritating to eyes.
R37- Irritating to respiratory system.
R66- Repeated exposure may cause skin dryness or cracking.
R67- Vapours may cause drowsiness and dizziness.
R51/53- Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Full text of classifications referred to in sections 2 and 3 : Xn - Harmful
Xi - Irritant
N - Dangerous for the environment

History

Date of printing : 25.04.2007

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Date of previous issue : No previous validation.

 Indicates information that has changed from previously issued version.

Notice to reader

The information contained in this Safety Data Sheet corresponds to our level of knowledge at the time of publication. All warranties are excluded. Our most current General Sales Conditions shall apply. Please consult the Technical Data Sheet prior to any use and processing.