

Date 30-10-2008

BBUK Eng Drg No. BG0100

Rev. 04

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product name: "UV resistant" Glue
Product code: Glue 146

Date: 2008-10-30
Replace:2005-09-13

Company: Brandenburg UK Ltd
29 Navigation Drive,
Hurst Business Park,
Brierley Hill,
West Midlands
DY5 1UT UK.

2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical description: Hot Melt Adhesive

Styrene copolymer	CAS no 25038-32-8	40 – 50 %
Hydrocarbon resin	CAS no 68132-00-3	5 – 10 %
Paraffin oil	CAS no 8042-47-5	40 – 50 %
Stabilisers		< 1,0 %
Antioxidants		< 0,5 %

No components, which pose a risk

3. HAZARDS IDENTIFICATION

Not classified as dangerous

Eye	As supplied: no hazard. As used: severe thermal hazard.
Skin contact	As supplied: no hazard. As used: severe thermal hazard
Inhalation	Vapours and/or aerosols which may be formed at elevated temperatures may be irritating to eyes and respiratory tract.
Ingestion	Low order of toxicity.

4. FIRST-AID MEASURES

Inhalation:	Remove to fresh air. Get medical attention if irritation persists.
Skin contact:	If hot: flush with cool water. Treat as wax or resin burn. Do not attempt to remove solidified adhesive. Get medical attention immediately. As supplied: non-hazardous.

Eye contact:	If hot: flush with cool water. Treat as wax or resin burn. Do not attempt to remove solidified adhesive. Get medical attention immediately. As supplied: remove as foreign body.
Ingestion	None required.

5. FIRE FIGHTING MEASURES

Extinguishing media	CO ₂ ; Dry chemical.
Fire fighting procedures	No special procedures are required.
Fire & Explosion hazards	Not combustible..
Hazardous combustion products	Carbon monoxide, carbon dioxide, unknown hydrocarbons.
Flash point	>250°C

6. ACCIDENTAL RELEASE MEASURES

Spill or leak procedures;	Allow to cool and solidify. Scrape up and collect in suitable containers for disposal.
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For safety and environmental precautions, please review entire Safety Data Sheet for necessary information.

7. HANDLING AND STORAGE

Handling/storage	Store in a cool, dry area. Precaution: this product should only be heated to recommended temperatures. The hazards of pyrolysis products are unknown.
Sensitive to static electricity.	No.
Special sensitivity.	No special sensitivity.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

Ventilation:	Local ventilation over glue chamber.
Respiratory protection:	None required if good ventilation is maintained.
Eye protection:	Safety glasses, goggles or face shield to protect against splashing.
Hand protection:	Thermally resistant gloves should be worn.
Clothing requirements	Uniforms, coveralls, or a lab coat should be worn.

9. PHYSICAL AND CHEMICAL PROPERTIES

Pure substance or prep	Preparation
Physical form	Solid
Appearance/odour	Amber; no odour
Boiling point / Flash point	>250°C
Melting point	90 - 100°C
Solubility in water	Insoluble
Relative density	1.000
Volatiles	None

10. STABILITY AND REACTIVITY

Stability: Stable

11. TOXICOLOGICAL INFORMATION

Eye	As supplied: irritant as a foreign body. As used: severe thermal hazard.
Skin	As supplied: no hazard. As used: severe thermal hazard.
Inhalation	Vapours and/or aerosols which may be formed at elevated Temperatures, and may be irritating to eyes and respiratory Tract.
Ingestion	Low order of toxicity.

CHRONIC (LONG TERM) EFFECTS OF EXPOSURE

Effects of chronic exposure

Although this product has not been tested for Effects of chronic effects Exposure it is judged as having a low order of toxicity based on component information. Use of good industrial hygiene practices is recommended.

Target organs	None known.
Skin sensitization	No.
Possible birth defect hazard.	No.
Carcinogen product information	Not established.

12. ECOLOGICAL INFORMATION

Potential effect on environment	Unknown
Mobility	Unknown
Persistence / degradability	Unknown
Potential to bioaccumulate	No
Ecotoxicity	Unknown

13. DISPOSAL CONSIDERATION

Waste disposal methods	Waste disposal should be in accordance with existing Community, National and local regulations.
Empty container warnings	Not needed

14. TRANSPORT INFORMATION

ADR/RID	Not applicable
IMDG classification	Not applicable
IATA classification	Not applicable

15. REGULATORY INFORMATION

Not classified as dangerous

Einecs All components of this product are listed in EINECS or ELINCS

Directives 1999/45/EC and 91/155/EEC have been considered when compiling this MSDS; the information is provided for health and safety assessment by an industrial user. Reference should be made to any relevant local or national health, safety, and environmental legislation. This information does not constitute indication of suitability for specific uses.

16. OTHER INFORMATION

FDA-status	complies with the composition requirements of "Food Packaging Adhesives" – 21CFR 175.105.
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