

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

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Product name: Control Board Adhesive  
Product code: BG-2632 Rev. 01 Date: 15-05-2012

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

Emergency Telephone Number: +44 1384 472900  
Technical Assistance Telephone Number: +44 1384 472900

## 2. COMPOSITION / INFORMATION ON INGREDIENTS

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Chemical description: Hot Melt Adhesive

Styrene-isoprene copolymer	CAS no 25038-32-8 EC no 607-504-5	40 – 50 %
Naphtha (petroleum), light steam cracked, debenzenized, polymers, hydrogenated	CAS no 68132-00-3 EC no 614-305-7	5 – 10 %
White mineral oil (petroleum)	CAS no 8042-47-5 EC no 232-455-8	40 – 50 %
Stabilisers		< 1,0 %
Antioxidants		< 0,5 %

No components, which pose a risk

## 3. HAZARDS IDENTIFICATION

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Not classified as dangerous

Eye: As supplied: irritant as a foreign body. 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**

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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**

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Extinguishing media: CO<sub>2</sub>; Dry chemical.

Fire fighting procedures: No special procedures are required.

Fire & Explosion hazards: Combustible at high temperatures.

Hazardous combustion: Carbon monoxide, carbon dioxide, unknown products

Flash point: >200°C

Special protective equipment: Appropriate breathing apparatus may be required.

#### **6. ACCIDENTAL RELEASE MEASURES**

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Spill or leak procedures; Allow to cool and solidify. Collect waste mechanically. Place in suitable containers for disposal according to local regulations.

For safety and environmental precautions, please review entire Safety Data Sheet for necessary information.

## 7. HANDLING AND STORAGE

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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

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Ventilation:	Local ventilation is adequate for small volumes.
Respiratory protection:	None required if good ventilation is maintained.
Eye protection:	Not required when used as intended.
Hand protection:	Thermally resistant gloves should be worn.
Clothing requirements:	Not required when used as intended.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

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Pure substance or prep:	Preparation
Physical form:	Solid
Appearance/odour:	Colourless; negligible
Boiling point / Flash point:	>200°C
Melting point:	90 - 100°C
Solubility in water:	Insoluble
Volatiles:	None

## 10. STABILITY AND REACTIVITY

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Stability:	Stable
Reactivity:	Stable under recommended storage and handling.

## 11. TOXICOLOGICAL INFORMATION

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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:	Toxicity by ingestion, LD50 Oral rat: >5000 mg/kg body weight.

**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.

**12. ECOLOGICAL INFORMATION**

Information about this product is not applicable. This product is not classified as dangerous for the environment.

Toxicity containing substance: White mineral oil (petroleum)  
LC50 Fish 96h: >100000 mg/l  
Species: Lepomis macrochirus.  
Persistence and degradability: White mineral oil (petroleum)  
24% degraded in 28 days OCED 301B  
Mobility in soil: Unknown

**13. DISPOSAL CONSIDERATION**

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

**14. TRANSPORT INFORMATION**

This product is not classified as dangerous goods according to ADR/RID, IMDG,DGR  
Transport in bulk according to Annex II of MARPOL 73/78 and IBC Code.

**15. REGULATORY INFORMATION**

Not classified as dangerous

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.