



# Bondaglass-Voss Ltd

158-160 Ravenscroft Road

Beckenham, Kent

BR3 4TW

Tel: 020-8778-0071

Fax: 020- 8659-5297

**G4 THINNERS**

NA – Not Applicable

ND – Not Determined

## HEALTH AND SAFETY DATA SHEET

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### 1. IDENTIFICATION OF THE SUBSTANCE AND SUPPLIER

CHEMICAL CHARACTERISTICS                      Aromatic hydrocarbon

SUPPLIER    Bondaglass-Voss Ltd

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### 2. COMPOSITION

| <u>Composition</u>     | <u>CAS No</u> | <u>Contents</u> |
|------------------------|---------------|-----------------|
| Butyl acetate          | 123-86-4      | 10%             |
| Solvent naphtha        | 64742-95-6    |                 |
| 1,2,4 Trimethylbenzene | 95-63-6       | 90%             |
| Benzene content        | < 0.1% wt     |                 |

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### 3. HAZARDS IDENTIFICATION

Hazard symbol                                      XN Harmful, N Dangerous for the environment

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### 4. FIRST AID MEASURES

|            |  |
|------------|--|
| EYES       | In all cases of doubt seek medical attention                           |
| SKIN       | Irrigate thoroughly for 15 minutes lifting eyelids.                    |
| INHALATION | Wash immediately with soap and water.                                  |
|            | Remove to fresh air. If required provide artificial respiration.       |
| INGESTION  | Rinse mouth thoroughly. Do not induce vomiting. Seek medical attention |

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### 5. FIRE FIGHTING MEASURES

|                      |  |
|----------------------|--|
| EXTINGUISHING MEDIA  | CO <sub>2</sub> , Powder or water spray, alcohol resistant foam. |
| PROTECTIVE EQUIPMENT | Wear suitable breathing protection and clothing.                 |

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|                                |  |
|--------------------------------|--|
| 6. ACCIDENTAL RELEASE MEASURES |  |
| PERSONAL PROTECTION            | Avoid contact with skin and eyes. Do not breathe Vapour. Ensure good ventilation.  |
| ENVIRONMENTAL PRECAUTION       | Absorb in dry sand, dolomite, earth and place in container. Do not allow to enter drains, sewers, water courses. Dispose of in accordance with National Regulations. |

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|-------------------------|---|
| 7. HANDLING AND STORAGE |   |
| HANDLING PRECAUTIONS    | Keep away from heat, naked flames and sources of ignition. Ensure good ventilation.   |
| STORAGE PRECAUTIONS     | Keep container tightly sealed, in cool ventilated place. Keep away from oxidizers, heat and flames. Flammable liquid storage. |

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|   |   |
|---|---|
| 8. EXPOSURE CONTROL/PERSONAL PROTECTION |   |
| ENGINEERING                             | Ensure good ventilation   |
| PERSONAL PROTECTION                     |   |
| RESPIRATORY                             | No specific recommendation but organic vapour mask may be required in exceptional circumstances |
| HANDS                                   | PVC or Rubber Gloves, if there is a risk of direct contact.                                     |
| EYES                                    | Safety glasses, goggles   |
| SKIN                                    | Protective clothing   |
| INDUSTRIAL HYGIENE                      | Keep away from food, drinks, wash hands.  |

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|                                     |                       |
|-------------------------------------|-----------------------|
| 9. PHYSICAL AND CHEMICAL PROPERTIES |                       |
| COLOUR                              | Colourless liquid     |
| ODOUR                               | Aromatic Solvent      |
| SPECIFIC GRAVITY                    | 0.88 @ 15°C           |
| MELTING POINT                       | ND                    |
| BOILING POINT                       | 162°C                 |
| FLASH POINT                         | 45°C                  |
| AUTO IGNITION                       | NOT                   |
| EXPLOSIVE LIMITS                    | Lower       0.7 vol % |
|                                     | Upper       7.5 vol % |
| SOLUBILITY IN WATER                 | Not soluble           |

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|                              |   |
|------------------------------|---|
| 10. STABILITY AND REACTIVITY |   |
| CHEMICAL STABILITY           | Stable under correct storage conditions |
| MATERIALS TO AVOID           | Reacts strongly with oxidizers.         |
| HAZARDOUS DECOMPOSITION      | Carbon monoxide.                        |

## 11. TOXICOLOGICAL INFORMATION

Solvent Naptha

SKIN

EYES

SENSITIZATION

Oral LD50 &gt; 6800 mg/kg (RAT)

Dermal LD50 &gt; 3400 mg/kg (RAB)

Inhalation LC50/4 hr &gt; 10.2 mg/l (RAT)

Prolonged exposure may result in skin irritation.

Liquid and vapours maybe irritating to eyes if prolonged exposure.

No effects known

## 12. ECOLOGICAL INFORMATION

Expected to be toxic to aquatic organisms. Do not allow products to reach ground water, water courses or sewer systems

## 13. DISPOSAL

Dispose of in accordance with National Regulations

## 14. TRANSPORT INFORMATION

UN NO.

1268

IMDG

Class 3.3 Page 3352

PACKING GROUP

III

MARINE POLLTANT

Yes

EMS NUMBER

3-07

MFAG

310

PROPER SHIIPING NAME

Petroleum distillates, nos, solvent naptha (petroleum), light aromatic.

## 15. REGULATORY INFORMATION

R-PHRASES

Symbol XN harmful – N Dangerous for the environment

R10 Flammable

R37 Irritating to respiratory system

R51/53 Toxic to aquatic organisms. May cause long term adverse effects in the aquatic environment.

R65 Harmful: may cause lung damage if swallowed

R66 Repeated exposure may cause skin dryness &amp; cracking

R67 Vapours may cause drowsiness and dizziness.

SAFETY PHRASES

S23 Do not breathe vapours

S24 Avoid contact with skin

S43 In case of fire, use water.

S62 If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

16. OTHER INFORMATION

These materials are for use by person cognisant with the use of these materials.

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MAIN REFERENCES:

The information contained in this data sheet is, to the best of our knowledge, true and accurate, but any recommendations or suggestions which may be made are without guarantee, since the conditions of use are beyond our control.

April 2004