

MATERIAL SAFETY DATA SHEET

SECTION 1 - IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Material Name: JB4/JB4Plus Solution A.

Catalogue Number: C611/C616.

Other Names:

Recommended Use: Acrylic Monomer.

Supplier Name: ProSciTech

Street Address: 1/11 Carlton Street, Kirwan, Qld. 4817 Australia

Telephone Number: (07) 4773 9444 **Fax Number:** (07) 4773 2244

Emergency Contact: (07) 4773 9444 8:30am – 5:00pm, Monday to Friday

SECTION 2 - HAZARDS IDENTIFICATION

Hazard Classification: Hazardous according to criteria of NOHSC.

Hazardous and/or NON-HAZARDOUS SUBSTANCE. NON-DANGEROUS GOODS.

Dangerous Nature:

Risk Phrases: R20/21/22 Harmful by inhalation, in contact with skin and if swallowed.

R36/38 Irritating to eyes and skin.

Safety Phrases: S2 Keep out of reach of children.

S36/37 Wear suitable protective clothing and gloves.

S46 If swallowed, seek medical advice immediately and show this container or label.

SECTION 3 - COMPOSITION /INFORMATION ON INGREDIENTS

SUBSTANCE:	Chemical Identity: 2-Butoxyethanol
	Common Name(s): [EGBE; Ethylene glycol monobutyl ether; Butyl cellosolve]
	CAS Number(s): 111-76-2

MIXTURE:

Ingredients	Cas Number(s)	Proportion (%)
2-Butoxyethanol	111-76-2	>75

SECTION 4 - FIRST AID MEASURES

Swallowed: Get prompt medical treatment. Seek medical treatment if discomfort persists.

Eye: Flush eyes with water for at least 15 minutes. If irritation persists seek medical attention.

Skin: Wash affected area with plenty of water. If irritation persists seek medical attention.

Inhaled: Remove to fresh air. Give oxygen or artificial respiration, as needed.

First Aid Facilities: Eyebath/eyewash & Safety shower.

Medical Attention & Special Treatment:

ADDITIONAL INFORMATION:

SECTION 5 - FIRE FIGHTING MEASURES

Suitable Extinguishing Media:

Carbon dioxide, dry chemical powder, foam.

Hazards from Combustion Products:

Material is a moderate fire hazard. Carbon monoxide, carbon dioxide.

Precautions for Fire Fighters:

Firefighters must wear self-contained breathing apparatus and fully protective equipment.

Hazchem Code: Not available.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Emergency Procedures:

Containment and clean up:

Absorb spill on sand or vermiculite, scoop up and hold for disposal. Wear self-contained breathing apparatus, rubber boots and rubber gloves.

SECTION 7 - HANDLING & STORAGE**Precautions for Safe Handling:**

Wash thoroughly after handling. Do not get material on skin or clothing or in the eyes. Wash contaminated clothing before reuse.

Conditions for Safe Storage:

Store material in a cool, dry place. Keep storage container tightly closed.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards: TWA20ppm, TWA96.9mg/m³
STEL50ppm, STEL242mg/m³

Biological Limit Values: No biological limit allocated.

Engineering Controls:

Local ventilation required.

Personal Protective Equipment:

RESPIRATORY PROTECTION: OSHA/MHSA approved respirator is needed.

PROTECTIVE GLOVES: Rubber.

EYE PROTECTION: Safety goggles.

OTHER PROTECTIVE EQUIPMENT: Safety shower and eye bath.

SECTION 9 - PHYSICAL & CHEMICAL PROPERTIES

Appearance: Clear liquid.
Odour: Ester type odour.
pH: Not available.
Vapour pressure (mm of Hg at 25°C): Not available.
Vapour density: Heavier than air.
Boiling point/range (°C): Not available.
Freezing/melting point (°C): Not available.
Solubility: Slightly soluble in water.
Specific gravity or density: Not available.
Flash Point: Not available.
Flammable (explosive) limits: Not available.
Ignition temperature: Not available.
Additional Information:
 % Volatile by volume: 100

SECTION 10 - STABILITY AND REACTIVITY

Chemical stability: Stable under normal conditions of use.
Conditions to avoid: May polymerize on exposure to light, avoid incompatible materials.
Incompatible Materials: Polymerizing agents, heat.
Hazardous Decomposition Carbon monoxide, carbon dioxide.
Products:
Hazardous Reactions: May occur.

SECTION 11 - TOXICOLOGICAL INFORMATION**Exposure and Health Effects:****Ingestion:**

May be irritating.

Inhalation:

May be irritating.

Skin Contact:

May be irritating.

Eye Contact:

May be irritating.

Human/Animal data: Not available.

Carcinogenicity: Not available.

SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxicity: Not available.

Persistence and degradability: Not available.

Mobility: Not available.

Additional Information:

SECTION 13 - DISPOSAL CONSIDERATIONS

Disposal Methods:

Mix waste with a combustible carrier and burn in a suitably equipped chemical incinerator.

Disposal must comply with Federal, State and local regulations

Special Precautions:

SECTION 14 - TRANSPORT INFORMATION

UN Number: Not regulated.

UN Proper Shipping Name: Not regulated.

Class and Subsidiary risk: Not regulated.

Packing Group: Not regulated.

Special Precautions for User: Not available.

Hazchem Code: Not available.

SECTION 15 - REGULATORY INFORMATION

Poison Schedule Number: None allocated.

SECTION 16 - OTHER INFORMATION

Date of preparation of MSDS: November 09

Comments:

The information published in this Material Safety Data Sheet has been compiled from data in various technical publications. It is the user's responsibility to determine the suitability of this information for adoption of necessary safety precautions. We reserve the right to revise material Safety Data Sheets as new information becomes available. Copies may be made for non-profit use.