

MATERIAL SAFETY DATA SHEET

SECTION 1 - IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product (material) Name: Benzoyl Peroxide. Catalogue # C613 & C618.
Other Names:
Recommended Use: Catalyst for JB-4 embedding kit.

Supplier Name: ProSciTech
Postal Address: PO Box 111, Thuringowa Central Qld. 4817 Australia
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.
Risk Phrases:
Safety Phrases:

SECTION 3 - COMPOSITION /INFORMATION ON INGREDIENTS

SUBSTANCE:
Chemical Identity: Benzoyl Peroxide
Common Name(s):
CAS Number(s): 94-36-0

MIXTURE:

Ingredients	Cas Number(s)	Proportion (%)
Benzoyl Peroxide	94-36-0	7

SECTION 4 - FIRST AID MEASURES

Swallowed: Give two glasses of water to drink and induce vomiting. Do not give anything by mouth, or induce vomiting if person is unconscious.

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

Skin: Wash affected area with plenty of water. If irritation occurs/persists seek medical aid.

Inhaled: Remove person to fresh air. Give oxygen or artificial respiration as needed. Seek immediate medical attention.

First Aid Facilities: Safety shower, eyebath.

Medical Attention & Special Treatment:

ADDITIONAL INFORMATION:

SECTION 5 - FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Water, carbon dioxide, dry chemical powder, foam.
Hazards from Combustion Carbon monoxide, carbon dioxide.
Products:
Precautions for Fire Fighters: Wear self-contained breathing apparatus and full protective equipment.
Hazchem Code: 2WE

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Emergency Procedures:
Containment and clean up: Remove all sources of ignition. Keep the spilled material moist at all times. Sweep up material, avoid raising dust. Use only polyethylene tools to collect the waste material. Wash and ventilate the spill site. Wear self-contained breathing apparatus, rubber gloves and rubber boots.

SECTION 7 - HANDLING & STORAGE

Precautions for Safe Handling:	Wear appropriate protective equipment when handling, wash hands thoroughly afterwards. Avoid contact with material. Use in a well ventilated area.
Conditions for Safe Storage:	Store material at room temperature, in a tightly sealed container. Do not store near any combustible materials. Keep away from direct sunlight and heat.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards:	OSHA (PEL): TWA 5mg/m ³ . ACGIH (TLV): TWA 5mg/m ³ .
Biological Limit Values:	No biological limit allocated.
Engineering Controls:	Use in a well ventilated area under a fume hood.
Personal Protective Equipment:	Wear rubber gloves, safety goggles/glasses and other appropriate protective clothing to minimise contact. If necessary use an MSHA/NIOSH approved respirator.

SECTION 9 - PHYSICAL & CHEMICAL PROPERTIES

Appearance:	White granular solid.
Odour:	Not available.
pH:	Not available
Vapour pressure:	Not available
Vapour density:	Not available
Boiling point/range:	Not available
Freezing/melting point:	103-106°C.
Solubility:	Slightly soluble in water.
Specific gravity or density:	Not available
Flash Point:	Not available
Flammable (explosive) limits:	Not available
Ignition temperature:	80°C.
Additional Information:	Percent volatile by volume: 100

SECTION 10 - STABILITY AND REACTIVITY

Chemical stability:	Unstable.
Conditions to avoid:	Heat, direct sunlight, shocks and dehydration.
Incompatible Materials:	Reducing agents, acids, bases, alcohols and metal contact.
Hazardous Decomposition Products:	Carbon monoxide, carbon dioxide.
Hazardous Reactions:	

SECTION 11 - TOXICOLOGICAL INFORMATION

Acute and chronic health effects:	
Possible routes of exposure:	Ingestion, inhalation and skin/eye contact.
Range of effects following exposure:	Irritation to skin, eyes, nose and throat tissues.
Dose likely to cause injury:	
Delayed effects:	
Relevant negative data:	

SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxicity:	
Persistence and degradability:	
Mobility:	
Additional Information:	

SECTION 13 - DISPOSAL CONSIDERATIONS

Disposal Methods:	Dilute 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: UN3104
UN Proper Shipping Name: Organic peroxide
Class and Subsidiary risk: 5.2
Packing Group: II
Special Precautions for User:
Hazchem Code: 2WE

SECTION 15 - REGULATORY INFORMATION

Poison Schedule Number: S5

SECTION 16 - OTHER INFORMATION

Date of preparation of MSDS: 28 September 2007
