

# Boat Craft Pacific

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Thursday, 22 April 2004

## MATERIAL SAFETY DATA SHEET.

### STATEMENT OF HAZARDOUS NATURE

This product has been classified as a Hazardous substance according to criteria of Worksafe Australia.

### COMPANY DETAILS:

Company	BoatCraft Pacific Pty. Ltd.
Address	22 Babbdoyle Street, Loganholme Qld 4129 Australia
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## IDENTIFICATION

Product Name:	<b>MR-1 RELEASE AGENT</b>
Other Names:	None Allocated
Product Code:	None Allocated
UN Number:	Not Regulated
Hazchem Code:	Not Regulated
Dangerous Goods Class & Sub-risk:	Not Regulated
Packing Group:	Not Regulated
Use:	<b>Release Agent</b>

### PHYSICAL PROPERTIES/DESCRIPTION:

Appearance	Colourless, low viscosity liquid
Boiling Point /°C	32°C (HCFC 141b)
Vapour Pressure /mm Hg (solvent)	80 (HCFC 141b)
Specific Gravity @ 20°C	1.24
Flashpoint °C	None by conventional test methods, essentially non-flammable
Flammability limits %	LEL: 6 UEL:18
Solubility in Water % w/w	0.4

### OTHER PROPERTIES:

Autoignition temperature	530°C
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### INGREDIENTS:

COMPONENT	CAS. NO.	%	TLV-TWA	REFERENCE
1,1-dichloro-1-fluoroethane	717-00-6	85-90	500 ppm	
Silicone blend	Not known	10-15	None established	

BoatCraft Pacific  
**MSDS MR-1 RELEASE AGENT**

**HEALTH EFFECTS:**

**Acute:**

Eye: May be an eye irritant.  
Skin: Not thought to be irritating to the skin. Will cause drying out.  
Repeated or prolonged contact may cause dermatitis.  
Swallowed: No adverse effects expected, how-ever large amounts may cause gastric disturbances. Bulk of product will vaporise.  
Inhaled: Vapours are heavier than air – very high concentrations can dilute available oxygen in the air below normal breathing levels. In certain individuals, irregular heartbeat is observed. High concentrations have a narcotic of anaesthetic effect.

**Chronic:**

No information available for this product.

**FIRST AID**

Swallowed: Give plenty of water to drink, if vomiting occurs, place patients face downwards, head lower than hips to prevent vomit entering the lungs. Seek immediate medical attention.  
Eye: Immediately flush with water for 15 minutes. If irritation occurs seek medical advice.  
Skin: Thoroughly wash with soap and water. If irritation occurs seek medical advice.  
Inhaled: Remove to fresh air, rest, half upright position, loosen clothing. Give oxygen or artificial respiration if breathing is difficult. Consult a doctor.  
First Aid Facilities: Eye bath and eye shower.  
ADVICE TO DOCTOR: Ensure first aid procedures have been carried out. Treat symptomatically.

**PRECAUTIONS FOR USE**

Exposure Standards: See Ingredients  
Engineering: Provide sufficient ventilation to maintain air levels below TLV.  
Controls:  
Personal protection: Protective clothing such as impervious gloves and safety glasses. If inhalation risk exists wear organic vapour respirator meeting the correct requirements.  
Flammability: No flash point by conventional test methods: essentially non-flammable.

**SAFE HANDLING INFORMATION**

Storage and Transport: Store in a cool place and out of direct sunlight and other sources of heat. Keep containers firmly closed and take care in removing bungs as pressure may build up in warm drums.  
Spills and Disposal: Slippery when spilt, with nearly all material evaporating at a rate depending on ambient temperature. In enclosed areas a depletion of oxygen levels may occur. Contain using sand or soil to prevent run off into drains and waterways. Use absorbent material (soil, sand, vermiculite or other inert material).  
Fire/Explosion Hazard: Not combustible, mixtures of vapours with air may become flammable at concentrations of product between 5.6% and 17.7%. Drums or containers heated during fire may violently rupture. Toxic fumes may be formed during the decomposition which may occur during a fire.

**OTHER INFORMATION**

Risk Phrases: R20  
Safety Phrases: S2, S23, S36, S38, S45  
Contact Point: Technical Manager

Authorisation: Ian Phillips  
Title: Director  
Issue Date: 22/4/2004