

# DETACH<sup>†</sup> 107

## Bio-Release Agent

### Product Description

Detach 107 Bio-Release Agent is a unique balanced formulation of specialty vegetable and other oil derivatives that provides excellent release from metallic moulds used in the concrete Precast industry. Detach 107 has been specifically designed to provide a high level of operator health and safety and to minimise adverse impact on the environment.

### Key Benefits

- ◆ Very cost effective due to its low use rate
- ◆ Most economical compared to other vegetable based release agents
- ◆ Uniquely balanced formulation provides excellent release characteristics
- ◆ Can provide a class 1 - 2 finish to concrete surfaces
- ◆ Approved for use with Datwyler gaskets on tunnel segments
- ◆ Suitable for both heated or ambient cured situations
- ◆ Resists build up on moulds and promotes easy clean up
- ◆ Assists in providing rust protection of moulds
- ◆ Finished concrete surfaces are suitable for painting (follow paint supplier's recommendations)
- ◆ Maintains performance and workability at low temperatures
- ◆ Low use rate allows less storage and handling
- ◆ Provides a high level of operator health and safety due to its low toxicity, volatility and bland odour characteristics.
- ◆ Not classified as a Dangerous Good enabling more flexible and convenient storage, handling and transportation
- ◆ Environmentally friendly - Unique formulation provides faster and more complete biodegradation for a cleaner and safer environment

# DETACH<sup>†</sup> 107

## Bio-Release Agent

### Suggestions for Use

Apply Detach 107 undiluted by spray, brush or mop.

Apply at a rate of 10 - 20 ml/m<sup>2</sup> or as little as possible whilst ensuring a thorough and even coverage over the entire working surface of the mould. This should provide optimum performance and minimize the potential for sticking, uneven release and buildup on the moulds. Excess material may compromise performance and can be removed with a mop or soft cloth.

Hand sprayers constructed with a cap type filling device will allow easy filling without the possibility of dust contamination. They should be fitted with a suitably sized flat fan nozzle and appropriate tip strainer. (Contact Victorian Chemicals for further advice).

A superior surface finish may be attained by applying Detach 107 with a damp clean soft flannel cloth.

CAUTION - Avoid use on rubber or latex fittings or moulds as Detach 107 can penetrate these materials and cause shape distortion. Viton is generally recommended for seals and fittings.

### Packaging

Available in:

- 1000L IBC
- 200L Steel Drum
- 20L HDPE

<sup>†</sup> Trademark used under licence

### The Company

**Victorian Chemical Company is committed to providing quality products and professional and friendly service, that our customers can confidently rely on to add value to their businesses. In order to achieve this goal we will continue to develop, our understanding of our customer's requirements, the operations of our company and our technical expertise.**

### Storage & Handling

When stored indoors at temperatures below 40°C and in closed original containers, this product can be stored for at least 1 year.

Avoid exposure to air for prolonged periods. Product may thicken or solidify if cooled below 0°C. Do not allow water to contaminate product.

Bulk Storage vessels made of stainless steel, fibre glass, polypropylene or polyethylene are preferred. It is strongly recommended to thoroughly clean old mild steel tanks before storage, as Detach 107 may cause rust and other old deposits to be released resulting in contamination. Long term storage in mild steel tanks may result in product discoloration and other degradation.

### Health, Safety & Environment

Detach 107 is free of aromatic and polycyclic aromatic hydrocarbons and is not classified as a dangerous good. It is considered of low risk to health if used according to appropriate industrial hygiene practices. Ensure good ventilation during use. Skin and eye contact should be avoided.

Detach 107 is biodegraded by natural processes and poses a low risk to the environment.

For further information refer to MSDS at [www.vicchem.com](http://www.vicchem.com)

### Physical Properties

Appearance	Clear yellow liquid
Specific Gravity (20°C)	0.85
Viscosity (25°C)	10 cSt
Odour	Bland oily
Min application temp	5°C
VOC	<1%
Flash Point	150°C min

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