

GENSIL 112E/35

Food Grade

Release Agent

Oct 2005

TECHNICAL DATA SHEET

Description

GENSIL 112E/35 FOOD GRADE RELEASE EMULSION is a specially selected silicone polymer emulsion in water which has been produced by new advanced manufacturing methods.

This product contains only those emulsifiers, stabilising agents and preservatives approved by the Food Standards Committee of the U.K Ministry of Agriculture and the U.S. Food and Drug Administration.

The basic silicone polymer is manufactured to the specifications of both the British Pharmacopoeia and the Food Chemicals Codex of the U.S. Federal Drug Administration.

GENSIL 112E/35 FG is therefore the preferred release emulsion for products likely to come in contact with food.

Typical Properties

Typical properties of the silicone component of **GENSIL 112E/35 FG** are as follows:

■ Appearance	Milky white liquid
■ pH	7.0 ± 0.5
■ Solids Content %	39% ± 2%
■ Surface Tension @ 20°C, dynes/cm	48
■ Specific Gravity @ 25°C, approx	0.99 ± 0.01
■ Toxicity	Inert
■ Stability	No separation after 4 hours at 2500g

Food Grade Status

GENSIL 112E/35 FG is NZFSA Approved C 26 (All animal product except Dairy) which makes it ideal for food grade applications.

Typical Applications

GENSIL 112E/35 FG is useful for:

- The moulding of plastic drinking cups.
- Treatment of food containers to assist dispensing from loading magazines.
- Glassware production.
- Rubberware.



Health & Safety

Health and safety can be protected by:

- If contact with eyes occurs, wash eyes with copious quantities of water and consult a doctor if irritation persists.
- The Material Data Sheet defining the known hazards and describing the appropriate safety precautions with respect to the product is available from Rhodia New Zealand Limited.

Methods of Use

Dilute **GENSIL 112E/35 FG** with clean water before use. The dilution rate varies with the application where 15 to 200 parts of water to 1 part of emulsion can be used. Trials should be carried out to determine the most economical level of use.

Availability

GENSIL 112E/35 FG is manufactured in New Zealand by Rhodia New Zealand Limited. It is available in 20 kg plastic jerrycans and 200 kg plastic drums.

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Rhodia New Zealand Ltd

1 Bush Street
PO Box 1015, LEVIN
Ph: + 64 6 368 9372 or 0800-659 047