



The Chemical Company

FORMOIL

An oil-based form release agent

DESCRIPTION

Formoil is a ready to use, low viscosity, oil based release agent for all types of concrete formwork. It reacts with cement paste at the interface of the concrete and formwork to product a thin 'bond-breaking' film enabling easy striking of formwork.

FIELDS OF APPLICATION

Formoil is suitable for application wherever formwork is used while placing concrete. It is suitable for;

- all types of formwork.
- all types of concrete construction
- architectural 'off-form' concrete

FEATURES AND BENEFITS

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| Forms a bond breaker with cement paste | Easy striking and faster cleaning of formwork leading to better utilisation. |
| Leaves no residue | Unstained, fair-faced concrete. Adhesion of paints, etc., not affected |
| Superior release property | Excellent 'off-form' finish – clearly reproduces the texture of formwork surface on concrete. |
| Inhibits rusting of steel | Protects steel forms from rusting. |
| Low viscosity | Easy application and high coverage. |
| Inhibits formation of air pockets | Helps production of fair-faced concrete. Minimises surface 'bug-holes' on concrete. |

APPLICATION

Surface Preparation

Surfaces of formwork should be clean, and free from loose particles, oil, grease, or any other contaminant. Surface contaminants must be removed by suitable methods without damaging the formwork surfaces.

For best results, apply an even coat by a low pressure spray equipment (knapsack sprayer), sponge mop, roller or brush. Remove any puddles of excessive application.

It is recommended to be applied before erecting the formwork and away from reinforcing steel. Any accidental spillage on steel bars should be removed using a clean rag dampened with turpentine, xylol or toluol.

It is important to avoid leaving patches of untreated areas and hence ensure that there are no breaks during application until a well marked area is completely treated.

Concrete can be placed soon after application of **Formoil** or several days later.

It is necessary to treat the forms to a coat of **Formoil** before every use.

EQUIPMENT

Low pressure sprayer, roller or brush.

CLEANING

Clean the tools and equipment using turpentine, sylol or toluol.

DOSAGE

The coverage of **Formoil** will vary depending on the type of formwork and its surface condition. As a guide 1 litre covers 20m² – 60m².

Coverage will be towards the lower end of the range on forms made of porous, rough timber and towards the higher end on non absorbent steel forms.

SHELF LIFE

Formoil can be stored in tightly sealed original containers for 12 months at even temperature away from sources of naked flames.

PACKAGING

Formoil is available in 20L pails and 205L drums.

PRECAUTIONS

Health : **Formoil** is non toxic but can cause irritation to persons with sensitive skin if exposed and respiratory reaction if inhaled.

Safety : Wear eye protection and gloves while handling the product. Wash thoroughly after handling.

In case of accidental eye contact wash with copious amount of water and seek medical help.

If ingested drink a glass of water and do not induce vomiting. Consult doctor immediately.

Fire : Product is combustible. Avoid exposure to naked flame. Do not smoke while handling the product.

For detailed Health, Safety and Environmental recommendations, please consult and follow all instructions in the product Material Safety Data Sheet.

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