

# SEPAFORM OIL

## Shutter Release Agent Based On Vegetable Oils

### Description:

SEPAFORM OIL is a formulated blend of stable vegetable oils, with additives and a degree of active ingredients. It is formulated to be applied on wide range of metal, timber and other formwork material. SEPAFORM OIL is designed to give an optimum release and quality of finish to concrete.

SEPAFORM OIL provides the formwork surface with a water repellent, oilophobic film which protects the formwork from aggressive water attack and, in addition, results in a smooth, stainless concrete surface.

### Uses:

SEPAFORM OIL is used as formwork release agent for different kind of applications including:

- Application on plywood form works.
- Application on precast concrete formworks
- Application on metal formwork
- Can be used in slip form or sliding form system.
- For Vertical and horizontal formwork.

### Advantages:

- Water based, environment friendly product. It is odourless and non-flammable.
- Oil based product. It prevents rusting of metal forms.
- 100% biodegradable, eco-friendly which contains no harmful chemicals against human health.
- Nontoxic. Does not cause irritation.
- Produces neat concrete surfaces by letting air and water bubbles rise freely during vibration.
- Effective on rough, lacquered and smooth exposed concrete surfaces, forming a saponaceous film which does not wash off.
- Adheres to all wooden or plywood form surfaces, as well as to synthetic or steel forms.
- Ensures easy release and extends useable life of shuttering.

- Minimize surface straining even with white cement concrete.

### Instructions for Use:

#### Surface Preparation:

Surface of form work must be clean, dry from oil or grease, clean from any contaminations and cement spatters.

#### Mixing:

Stir the drum contents of SEPAFORM OIL very well before application. The product is ready to be used directly.

#### Application:

SEPAFORM OIL is applied directly to formworks prior to casting. Applied by brush, roller or spraying machine. The product should be applied on plywood or steel shutter before the each casting.

After every use of formwork, the shutter should be cleaned and recoated lightly with SEPAFORM OIL. In normal application it is recommended to apply the release agent two hours, at least, before casting.

For new unsealed timber formwork, one time pre-treatment is essential with two coats prior to use. This will extend the useful life of the formwork and help to reduce the surface absorbency.

Do not over apply SEPAFORM OIL on the formwork. Extra material might get mixed with the concrete and affect the concrete surface look.

TECHNICAL PROPERTIES:	
Color	: Yellow Liquid
Density	: 0.90 Kg/Lt.
Drying Time	: 2 hrs. at 25°C
Inflammability	: None
Harmful ECC 88/379	: None
Chloride Content	: None
pH Value	: 9.0

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## Coverage:

SEPAFORM OIL coverage rate is:

- 14 square meters per liter on porous surfaces
- 20 square meters in semi porous surfaces
- 40 square meters on smooth surfaces

## Packaging:

SEPAFORM OIL is supplied in 210 liter drums.

## Storage Conditions:

Store in original packing in dry conditions away from direct sunlight and high humidity levels.

## Shelf Life:

SEPAFORM OIL can be utilized within 24 months of production date if stored in proper conditions in unopened original packing.

## Cleaning:

Clean used tools with water.

## Recommendations:

- Do not use with gypsum or polystyrene forms
- Do not dilute with water or solvents

## Health and Safety:

- Use goggles and gloves during application. Do not breathe vapor of products.
- Avoid contact with eyes or skin.
- In case of contact in eyes, rinse immediately with plenty of water.

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This technical data sheet is not considered as local building codes. It shall be used as general reference for the product, based on our current knowledge and experience. However the company do not accept any liability arising from the use of its products as it has no direct control on how and where the product is applied.



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