

VARA RELEASE 'SB' CHEMICAL MOULD RELEASE OIL

DESCRIPTION

VARA RELEASE 'SB' is a specially formulated blend of a refined pale paraffinic mineral oils and chemicals having release properties which are superior to those of a conventional mould oil. **VARA RELEASE 'SB'** is supplied as a pale, straw, coloured, liquid ready for direct application. The alkali reactive chemicals promote a water repellent interface which protects both steel and timber formwork whilst ensuring an even colour and texture in the cast concrete. It has a built-in rust inhibitor to protect metal forms from rust or corrosion and a preservative to increase the life of wood forms.

USES

VARA RELEASE 'SB' is used on metal, wood, plastic, and fibre glass forms, also on pans and tubes for roof and column work. On concrete moulds, over laid plywood and fibre glass, **VARA RELEASE 'SB'** eliminates expensive form cleaning. On scootcretes, hoist buckets, and paving machine mixers, **VARA RELEASE 'SB'** offers fast clean-up if applied daily. On aluminium and steel, application of **VARA RELEASE 'SB'** prior to concrete pours will assure easy removal of mortar and/or concrete.

ADVANTAGES

- ◆ Ensures good fair-faced concrete, non-staining and economical.
- ◆ Can be used on all types of formwork.
- ◆ Inhibits corrosion of steel form work.
- ◆ Acts as bond breaker and form cleaner,
- ◆ Cuts clean-up time.
- ◆ Easy to use.

TYPICAL PROPERTIES

- ◆ **Specific Gravity** : 0.83 at 20° C.
- ◆ **Temperature Limitation** : For application temperatures in excess of 60° C refer to Technical Department.
- ◆ **Non-staining** : Does not stain concrete and can be used safely with white cement.

INSTRUCTIONS FOR USE

Preparation of used moulds

All traces of adherent material either concrete or Oil deposits must be removed prior to use.

Coating : **VARA RELEASE 'SB'** can be applied by brush, sponge or conventional mould oil sprayer. If a mould oil sprayer is used care should be taken to ensure that the correct nozzle size is chosen. **VARA RELEASE 'SB'** should be applied in one continuous even film.

Caution : Excessive application is uneconomical and can lead to surface dusting. All non-absorbent surfaces require only a single application. New unsealed timber surfaces should be recoated if a delay period in excess of 48 hours is envisaged. After use, the formwork should be brushed or wiped clean of any excess dust prior to re-coating with **VARA RELEASE 'SB'** as previously described. The use of **VARA RELEASE 'SB'** minimises the amount of cleaning required prior to re-use of the formwork.

PRECAUTIONS

Fire : Due to the high flashpoint the flammability risk of **VARA RELEASE 'SB'** is low. Ensure adequate ventilation. Do not use near naked flame or smoke during use.

Storage : Shelf life at least 12 months. Protect from frost. Should material be inadvertently exposed to frost, it must be stirred thoroughly before use.

Flashpoint : Above 60° C.



PACKAGING AND COVERAGE

VARA RELEASE 'SB' is supplied in 200 litre drums.

Coverage : 20 to 60 m² per litre.

Dependent upon porosity and texture of mould surfaces.

HEALTH AND SAFETY

Gloves should be worn when handling **VARA RELEASE 'SB'**. Splashes to skin should be removed with soap and water. Do not use solvent. Goggles should be worn as direct contact with eyes will cause irritation and may cause serious damage if left untreated. Any eye contamination should be washed thoroughly with plenty of water and immediate medical treatment sought. Ensure adequate ventilation.