



**AERO**<sup>TM</sup>  
CONCHEM LLP

AN ISO 9001 : 2008 CERTIFIED COMPANY

## AERO RELEASE S

Solvent Based Ready To Use Chemical Form Release Agent

### Description

AERO RELEASE S helps to prevent cement paste sticking to the mould surface, which in turn enables air to escape from the face when the concrete is poured and vibrated. The number of blowholes is kept to an absolute minimum and the cleaning of the mould surface is made much easier. The chemical reaction between the cement and the AERO RELEASE S repels water at the interface of the mould and concrete, leaving a uniform colour and surface. AERO RELEASE S is specially formulated blend of mineral oils and chemicals having release properties which are superior to those of conventional mould oil. It works as a chemical release agent, which once applied, reacts with the water in the concrete, forming a water-repellent layer. This allows for easy stripping of moulds and formwork, and will leave fair-faced stain-free surfaces.

### Uses

To provide quick, clean and easy stripping of moulds, and formwork and ensure high quality fair-faced and stain-free concrete. It has also proved very successful on GRP and polyurethane coated wooden moulds.

### Advantages

- Ensures high quality fair faced concrete.
- Does not harm concrete.
- Safe for wood, fibres – extends service life.
- Can be used on all types of mould and shutter faces.
- Non-staining.
- Rapid drying – immediate placement.
- Placement up to 4 weeks before concrete.
- Minimizes cleaning of shutters before re-use
- Save time and money.
- Provide a water repellent, rust inhibiting film to the form work.

### Instruction for use

**Preparation of New Moulds :** No preparation is necessary but if extensive re-use of Timber moulds is envisaged, it is advisable to protect all new surfaces with **AERO RELEASE S**. For used moulds, all traces of cement must be removed together with any surface deposits of previous oils.

**Coating :** **AERO RELEASE S** can be applied by brush, sponge or conventional mould oil-sprayer. If an oil-sprayer is used, care should be taken to choose correct size of sprayer. Apply one thin and even coat of **AERO RELEASE S** over the entire

### Typical Properties & Specifications:

Sr.No	Properties	Specification
1	Physical Appearance	Pale amber liquid
2	Specific Gravity @ 30 °C	0.830 ± 0.010
3	Service Temperature	Suitable for use with steam cured concrete
4	Formwork Surfaces	Equally effective on wood or metal mould or shutters
5	Non-staining	Does not stain concrete and can be used safely with white cement.

surface. Even a thin coat is enough to achieve effective coverage. Excess application is uneconomical and may lead to surface dusting. Wire or brush off any excess particles on the surface and apply one coat of **AERO RELEASE S** as before. To remove **AERO RELEASE S** completely, for recoating mould or shutter surface, use strong industrial detergent together with stiff brushing & then thoroughly rinse with clean water.

### Cleaning

Cleanup ... Prior to drying, equipment may be easily cleaned with soap and water. Once dried, use mineral spirits or other suitable petroleum solvent.



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### Packing & Coverage

Packing: 1, 5, 10, 50, 100 & 200 ltrs. Containers.

Coverage: 40 - 60 m<sup>2</sup> per liter

### Shelf Life & Storage

AERO RELEASE S has a shelf life of 12 months from date of manufacture when kept at a temperature between 5 °C to 45 °C and store in the original, unopened bags. All material shall be stored under cover in a manner that will prevent damage preferable on pallets and protected from excessive heat and moisture. Do not freeze.

### Quality Assurance

AERO CONCHEM LLP is a firm of Assessed Capability. The company's quality system conforms to ISO 9001:2008.

### Health & Safety

AERO RELEASE S is no-toxic and non-flammable. Avoid inhalation of dust during mixing and wear safety glasses, dust mask and gloves. If skin contact occurs wash thoroughly with clean water. Should eye contact occur rinse immediately with plenty of clean water and seek medical advice. Full health and safety data are given in Product Safety Data Sheet.

#### OUR RANGE OF PRODUCTS



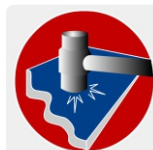
CONCRETE ADMIXTURES



WATERPROOFING SYSTEMS



ENGINEERING GROUTS & ANCHORS



FLOORING SYSTEMS



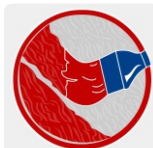
CONCRETE REPAIRS & STRENGTHENING



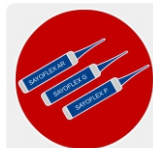
READYMIX PLASTER & PUTTY



CURING COMPOUND & MOULD RELEASE AGENT



PROTECTIVE & DECORATIVE COATING



SEALANTS



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