



SHIELD ODORLESS MOULD RELEASE OIL

DESCRIPTION

Shield's Odorless Mould Release Oil is blended using high quality fully virgin base oil with advanced chemicals giving it unique properties. This oil ensures smooth concrete surfaces and leaves the mould free of any concrete or mortar deposits eliminating excess labour time required in cleaning the mould surfaces before re-use. Shield odorless mould release oil is made from superior chemicals gives the oil excellent water-repelling properties thus protecting wooden moulds from rotting and steel moulds from rusting. The advanced formulation technology allows the moulding processes subjected to high temperatures where steam or heat-transfer oils are used as the heating medium. It can be applied by brush, spray and other automated machines in continuous production lines.



APPLICATIONS:

Shield's Odorless Mould Release Oil recommended for:

- Block and brick manufacturing process.
- Prefabricated construction materials and high temperature application.
- Process requiring both mould oil and lubrication properties.

TYPICAL PHYSICAL PROPERTIES			
SL#	Characteristics Unit	Test Method	400
1	Density @ 15°C	ASTM D 1298	0.8980
2	Viscosity @ 40°C, cSt	ASTM D 445	320-400
3	Viscosity @ 100°C, cSt	ASTM D 445	29-33
4	Viscosity Index	ASTM D 2270	90-100
5	Flash Point COC °C	ASTM D 92	252
6	Pour Point, °C	ASTM D 97	-6
7	Color	ASTM D 1500	L 4.5
8	Vapor pressure, Pa	ASTM D 5191	0.00017
9	Vapor density	-	more than 4.5
10	Total Acid number, mgKOH/gm	ASTM D 974	<1
11	Solubility in water	ASTM D 6304	less than 50 ppm
12	Solubility in organic solvent	-	INSOLUBLE

* Exact specifications may vary, but remain within international standards.

