

1: DESCRIPTION

Polycraft 240 Liquid Wax Release is a versatile general purpose release agent which comprises of a blend of waxes dispersed in an aliphatic solvent. Polycraft 240 Liquid Wax is free of CFC and HCFC.

2: APPLICATIONS

Polycraft 240 Liquid Wax Release can be used to release a variety of mould types. Typical casting materials such as polyurethane epoxy acrylic and polyester.

Polycraft 240 Liquid Wax Release is also used extensively for moulding flexible semi-rigid and rigid polyurethane foams and has been formulated for high quality general purpose moulding at temperatures from ambient to 80oC.

Polycraft 240 Liquid Wax Release may be used where a silicone release agent is undesirable such as when the moulded part needs to be painted or bonded.

Polycraft 240 Liquid Wax Release may also be used as a sealant for wood stone cement and other porous surfaces prior to moulding. Highly porous surfaces must be tested for suitability.

3: SPECIFICATION

Specification	Units	Min	Max
S.G.		0.70	0.80
% Solids		2.70	3.70
Appearance	Translucent white liquid free from contaminations.		

4: TYPICAL PROPERTIES

Solids by Weight	3.1	%
S.G.	0.77	
Flash Point	Above 32	oC

5: PREPARATION OF MATERIAL

This material should be stirred or shaken thoroughly before use. Stirring is also necessary where the material has been standing for some time.

6: METHOD OF USE

This material can be applied by airless or air assisted spray gun or by brushing or wiping. However brushing or wiping will leave marks in the release agent film which will be reproduced on the surface of the moulding. This is only cosmetic and the physical properties of the moulded part are unaffected.

The application of a number of light coats is preferable to one heavy coat. Light coats allow the solvent to dry more rapidly and improves the surface finish.

The settings for spray equipment and the technique used will depend upon mould geometry. Deep sections undercuts and recesses often cause incomplete coverage by shadowing parts of the mould surface from the release agent spray. This may lead to difficulty in releasing the moulded parts. A thin sprayed coat should dry within 2 minutes at 20C. Higher mould temperatures and a current of air over the mould will lead to shorter drying times. Casting onto release agent which has not fully dried may cause softening of the surface of the moulded part.

7: HANDLING & STORAGE

This product is flammable. Refer to the relevant Safety Data Sheet for details regarding the safe handling of this material.

Good housekeeping is important when using this material. Spillages and drips should be cleaned up immediately and the drums wiped clean after use. Keep the container closed. Handle and open containers with care. Store in a cool well ventilated place. Do not handle or store near an open flame or sources of heat or ignition. Protect the material from direct sunlight to avoid a build up of temperature inside the container. This product has a shelf life of 12 months from the original date of manufacture when stored as described above in the original unopened container. The expiry date is shown on the product label.

8: HEALTH & SAFETY

The Safety Data Sheet provides details of the Health and Safety aspects of this product. This should be read carefully before the containers are opened and before storage or use. Please contact us immediately if you are not in possession of a Safety Data Sheet for this product.

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