

## Technical Data Sheet

### DexSeal

**DexSeal** is designed as a mould release agent for epoxy, polyester, vinyl ester, phenolic and other thermosetting resins. **DexSeal** is an advanced polymeric resin in a non- chlorinated organic solvent blend. It provides a durable film capable of giving many releases per application and will not contaminate the released surface.

#### Advantages:

- Easy application
- Non contaminating
- Non- chlorinated, ecologically friendly solvents
- Low odour
- Minimal mould build- up
- Can be used on all mould surfaces
- Durable; provides multiple releases per application

#### Properties:

Appearance:	Clear, colourless liquid
Coverage:	20- 25 m <sup>2</sup> /l
Shelf life:	1 year

The polymeric resin used in **DexSeal** reacts with moisture. Please ensure can is resealed after use. **DexSeal** is supplied ready to use, no shaking or mixing is required. Do not mix with other products or solvents.

### **Application:**

If necessary, polish mould to desired level of gloss. If a wax or silicone based release agent has been used previously, remove all traces of previous product using a solvent based cleaner such as **DexClean**. **DexSeal** can be applied over existing semi- permanent release agents without a further cleaning step. However, the mould should be clean and dry before use. Mould cleaning and release agent application should be performed in a well ventilated area.

1. Apply **DexSeal** to clean, dry cotton cloth.
2. Gently wipe over mould surface covering an area of approximately 0,5 m<sup>2</sup>. Vigorous rubbing or polishing is not required.
3. Repeat steps 1 and 2 on the adjacent area. Ensure a good overlap with the previous area to provide complete coverage.
4. Repeat until mould is completely coated.
5. When dry, allow a further 15 minutes between coats for the film to cure.
6. Repeat Steps 1- 5 above for a further 3 coats (4 in total).
7. When dry, allow final film to cure for at least 30 minutes at room temperature before moulding. Allowing a longer cure or heat curing (e.g. 15 min. at 60 °C) will improve film durability.

### **Reapplication:**

When release becomes hesitant, reapply one coat of **DexSeal** in the same manner as described above.

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