### Solving Common Coating Problems

#### Eruptions in die-cast parts

**Appearance**: Small blisters like bumps on the coating surface.

**Probable causes**:
1. Coating has been applied too thickly using a solvent that is too volatile, or increasing part temperature too rapidly.
2. Rapid evaporation of solvents.

**Suggested solutions**:
1. Remove coating and immediately apply a thinner coat.
2. Add slow-evaporating solvent.
3. Warm parts more gradually, then recoat immediately.

#### Fish eyes

**Appearance**: Round, blister-like bubbles on the surface.

**Probable causes**:
1. Improper application conditions.
2. Contaminants that prevent coating from wettling out the substrate.

**Suggested solutions**:
1. Reduce agitation in tank and check pumping process.
2. Lower temperature and increase humidity.
3. Check curing procedure with Product Data Sheet.

#### How to contact Whitford

Whitford manufactures and/or maintains offices in all major markets of the world. Whitford makes the world’s largest, most complete line of fluoropolymer coatings.

To find the Whitford office nearest you, please contact us via email or by visiting our website (see addresses below). We’ll be happy to give you as much information as you may need and, if you wish, to set up a meeting.

If you would like more copies of this problem-solving chart, we will send those, too.

**Website**: whitfordww.com.

**Email**: sales@whitfordww.com.

**For more information about fluoropolymer coatings**: call 1-800-289-9292.

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### Probable causes

- Improper application conditions
- Contaminants that prevent coating from wetting out the substrate

### Suggested solutions

- Reduce agitation in tank and check pumping process
- Lower temperature and increase humidity
- Check curing procedure with Product Data Sheet