



# 3D Plastic Print Surface Smoothing Fluid Technical Data Sheet

**Fast & Effective – 3D•DipSmooth™** smooths the “layering look” or ridges inherent in some 3D Plastic Printed parts. The printed part is quickly dipped into DipSmooth and within seconds the layers are smoothed and the plastic part cures within minutes once removed from 3D•DipSmooth.

### Use instead of:

- Isopropyl alcohol (IPA)
- Acetone
- Methyl Ethyl Ketone (MEK)
- Xylene
- Mineral Spirits
- Toluene
- TCE (trichloroethylene)

### No Special Preparations Needed

Some smoothing methods require special mixing or heating as preparation before being able to smooth the layers from 3D Printed Parts—not 3D•DipSmooth! Just decant the DipSmooth into a glass or metal container (with a tight fitting lid) and completely dip the part. **Dip & Done** (in less than 30 seconds).

**Fast Evaporating & Non-Flammable 3D•DipSmooth™** evaporates quickly and is safe for use on most plastics. Non-Flammable formulation is safer to use than many smoothing products on the market.

### Available Packaging:

- 16oz. Cans
- Case of 16 oz cans (6 count)
- One gallon (6 lbs/2.8Kg/3.8L) Pails
- 5 gallon (30lb/14Kg/19 L) Pails
- 55 gallon (365lb/166Kg/208 L) Drums

### Features & Benefits

- Just Dip & Done—Smoothing of plastic printed part completed in less than 30 seconds and your part is ready for painting and other post processing.
- Eliminates imperfections—Smooths “layering” look and ridges to create a high gloss finish.
- Works on a variety of plastics—including ABS & Polycarbonate.
- Non Flammable—Replaces IPA, MEK, Acetone, mineral spirits, Toluene and other flammable solvents.
- Very Economical—One gallon will smooth hundreds of 3D Printed parts.

**Superior results over sanding, brushing, coating or wiping!**

### Dip & Dry Duration

Plastic	Dip Duration	Dry Duration*
ABS	15 - 30 seconds	1-2 minutes
Polycarbonate	5—10 seconds	2-5 minutes
Polypropylene	15—30 seconds	1-2 minutes
Polyethylene	5 - 15 seconds	1-2 minutes

\* Let dry —before dipping again.

**Create a polished  
look in seconds!**

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**Order online at: [Relspec.com/DipSmooth](http://Relspec.com/DipSmooth)**



# 3D Plastic Print Surface Smoothing Fluid

## Technical Data Sheet

### Processing Directions

*Wear protective gloves & eyewear.*

**SET UP:** Decant **3D•DipSmooth™** into glass or metal container (with a tight fitting lid). Ensure 3D printed part can be *completely submerged*. Use at full concentration—*do not mix with other solvents or add water*.

**PROCESSING:** **1.** Place 3D-part on a metal holder or other apparatus to lower the 3D-part into the fluid. **2.** Leave part submerged for a few seconds (15-30 seconds for soft plastic like Polycarbonate, 30 seconds to a minute for harder plastic like ABS). **3.** Raise part out of the fluid (if part is not smoothed to desired finish, repeat the dipping process waiting 1 minute between dips).

**POST-PROCESSING:** *Curing:* the part will be cured to the touch in 30 seconds. *Painting:* the part will be ready for painting, sanding or other processing in one minute.

**Note:** Drips can be eliminated by lightly tapping the 3D-part onto a soft cloth or paper towel while the part is still damp. You may want to perform a “test-dip” to understand the effects of the fluid on your part.

**Keep container tightly closed when not in use to reduce evaporation loss.**

*For industrial use only. Use with adequate ventilation & personal safety equipment, see SDS.*

### Safety Information

**DANGER:** May damage fertility (reduced sperm motility and increased estrous cycle length). May cause cancer (effects in animals with unknown relevance to humans.) May cause damage to the central nervous system through prolonged or repeated over-exposure. May cause serious eye irritation. May cause respiratory irritation. May cause skin irritation. May cause drowsiness or dizziness. Harmful to aquatic life.



**PRECAUTIONS:** Use in a well ventilated area. Use NIOSH approved respirator if ventilation is not sufficient. Do not breathe dust/fume/gas/mist/vapors/spray. Wear protective gloves/protective clothing/eye protection/face protection.

**Do not discard in drains or public water system.** Dispose of contents in accordance with national and international regulations. Keep away from heat/sparks/open flames/hot surfaces. No smoking. Store in a cool dry area.

**Keep out of reach of children.**

**Important:** This information is considered accurate. However, no warranty is expressed of implied regarding the accuracy of the data, the results. The user shall assume responsibility for the use of the product, the results and assume all risk and liability whatsoever.

*Smooth hundreds of parts with one purchase!*

**Order at 847.640.8923**

**Reliance**  
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