



# EFFect

## DESCRIPTION

EFFect is a series of semi-synthetic, heavy-duty alumina polishing slurries designed for use on stainless steel, titanium, chrome and other ferrous and non-ferrous alloys. The EFFect products contain an emulsified mixture of grease and oil at an optimized concentration to provide excellent lubricating and cooling properties under demanding conditions. This allows the abrasive in EFFect slurries to be efficiently carried to the polishing zone, improving workpiece finishes and extending tool life. In addition, the emulsified greases and oils produce a protective film on metal parts, reducing potential for corrosion. Since the oils and greases are thoroughly emulsified, they are easy to clean off with water and mild detergents. EFFect slurries can be produced with a variety of alumina sizes to meet removal rate and surface finish targets.

## TYPICAL PHYSICAL PROPERTIES

Appearance	White slurry
Specific gravity @ 20°C	1.08-1.24
LBS/gallon	8.97-10.34
pH	9.1
Abrasive concentrations	12-28%
Typical abrasive sizes	0.05µm - 12µm

## RECOMMENDED PROCESS PARAMETERS

For metal polishing: EFFect should be without dilution. It is recommended that latex gloves be worn while working with EFFect to avoid the possibility of dermatitis.

## AVAILABILITY

5-gallon pails, 2-gallon pails, 1 gallon bottles, 400ml containers

### Saint-Gobain Surface Conditioning

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## Features and benefits

- Chemical properties enhance surface finish and extend tool life
- Provides protection against corrosion on ferrous metals
- Non-foaming and does not contain silicone
- Forms protective films upon evaporation
- Alumina abrasive sizes range from 12-micron, for general metal polishing to 0.05-micron for metallographic applications
- Does not contain nitrites, sulfur, phenols, DEA, environmentally harmful or carcinogenic compounds
- Resistant to biological degradation