

Plas-Chek® 775

Epoxidized Soybean Oil

Product Description

Epoxidized soybean oil, Plas-Chek® 775 is a synergist for mixed metal heat stabilizers in flexible PVC providing additional acid scavenging, improved light stability, and secondary plasticization. Plas-Chek® 775 can also be used as a plasticizer for PVC/PVA emulsions or as an acid scavenger for soy based ink compounds. This product makes an excellent grinding media in pigment dispersions.

Plas-Chek® 775 meets industry performance requirements including maximum PVC heat and light stabilization, lowest extraction, low odor, and highest compatibility.

Plas-Chek® 775 meets the requirements of Title 21, U.S. Code of Federal Regulations (21 CFR), Sections 175.105, 175.300, 176.170, 176.180, 177.1210, and 181.27. Plas-Chek® 775 is also Kosher certified.

Plas-Chek® 775 is compliant with the North American Free Trade Agreement (NAFTA) under US HTS code 1518.00. Certificate of Origin is available upon request through Customer Service.

Safety and Handling

If stored below 90°F, Plas-chek® 775 may precipitate over time. In this event, a homogeneous liquid can be restored by heating to 120°F. Ideally Plas-Chek® 775 should be stored at temperatures below 180°F.

Typical Properties

Physical State	Light Amber Liquid
Toxicity	Non-toxic
Specific Gravity	0.992
Viscosity (Gardner)	N
Pour Point	25°F
Color, APHA	85
Refractive Index	1.41 (at 25°C)
Acid Value	0.37 mg equivalents KOH/g sample
Oxirane Value	7.0
Vapor Pressure	8.4 x 10 ⁻⁸ Pa @ 25°C

