

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^oC

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The information contained in this data sheet has been determined through the application of accepted engineering practice and is believed to be reliable Since the conditions of application and use of our products are beyond our control, no warranty is expressed or implied regarding accuracy of this information, the results to be obtained from the use of the product, so that such use will not infringe on any patent This information is furnished with the express condition that you will make your own tests to

