



Technical Data Sheet

CELPOLY[®] DSI220

Vinyl Sulfone Sulfo Para Base (SPVS)

CELPOLY[®] DSI209 is important intermediates for reactive dyes and are used to synthesize reactive dyes groups such as EF, KN, M / KM, and ME that containing vinyl sulfone

Product Properties

Constitution	Vinyl Sulfone Sulfo Para Base (SPVS)		
Appearance	Beige Colored Powder	Molecular weight	361
Cas No.	42986-22-1	Molecular formula	C ₈ H ₁₁ NO ₉ S ₃

Product Specification

Purity by N.V	≥ 68%
Purity by HPLC	≥ 93%
PCA	≤ 400 ppm
Mesh size (85 mesh)	100%
Insolubles	≤ 0.2%

Recommended Application

Used as reactive dye intermediate

Packing

CELPOLY[®] is packed in 50 kg multilayer paper bag with intermediate layer and inner P.E. bag.

Storage and Safety instructions

When stored in closed containers, or in its original packaging in a dry place at room temperature, CELPOLY[®] can be kept for a long time. In the case of high viscosity grades, a slow loss of viscosity can be measured after lengthy storage (>1 year). CELPOLY[®] absorbs water from moist air. Once opened, package must be resealed and kept tightly closed.

CELPOLY[®] constitutes a dust explosion hazard. Dust formation and deposits must be kept to a minimum so that no ignitable dust/air mixtures can form. Ignition sources such as naked flames, hot surfaces, spark and static electricity should be avoided. CELPOLY[®] starts to decompose at about 200°C. Its ignition temperature is >360°C. It burns easily and the fire may spread.