

PRODUCT DATA SHEET

SUNTARD 46S

Chemical Components

Modified Phosphorus polyol, non-halogenated,
Hydrolytic Stabilizer

Description

Halogen-free flame retardants
Reactive flame retardants

Typical data :

Appearance	Yellowish clear liquid
Acid number (mg KOH/g)	<1
Hydroxy number (mg KOH/g)	350-550
Water content(%)	<0.1
Heavy metal(ppm)	< 20
Tin(ppm)	< 0

■ **Application :**

SUNTARD 46S is primarily designed for use in the production of special low fogging flexible PU foam, rigid PU foam, TPU, Polyester, Epoxy, etc.. The product is characterized by a high phosphorus content and high flame retardancy performance.

SUNTARD 46S is a reactive flame retardant and is designed to be chemically reacted into the polymeric matrix.

For PU application, the SUNTARD 46S is not good solubility with polyether due to low hydroxyl

numbers and we recommend that SUNTARD 46S is usable in conventional facilities by direct injection into the mixing head.

■ **Storage Advice:**

please refer to our corresponding material safety data sheet.

Should be stored and handled with exclusion of moisture.

Keep package closed. Store dark and dry.

■ **Standard Packing :**

25kg net / pale drum

100kg net / PE drum

200kg net / PE drum