

# EPOSIR<sup>®</sup> 7161

PRODUCT  
DATA SHEET  
REC/7161/011501/1

## Description

Low molecular weight Bisphenol A based solid epoxy resin.

## Applications

Eposir 7161 is suitable for the manufacturing of general purpose air drying and stoving paints.

## Sales specification

Property	Value	Unit	Method
Epoxy equivalent weight	460 - 520	g/eq.	ISO 3001
Viscosity at 25°C (1)	F - I	Gardner Sc.	ASTM D 1545
Colour (1)	100 max.	Pt/Co Sc.	ASTM D 1209

(1) Determined on 40% m/m solution diethylenelycol-monobutylether.

## Typical Properties

Property	Value	Unit	Method
Melting range	48 - 52	°C	SIR 10000
Glass transition temperature (2)	33	°C	ASTM D 3418

(2) Determined on DSC (Perkin Elmer series 7) : 20°C/minute.

## Supply Form

Product is available as irregular flakes packed in 25 Kg PolyEthylene bags.

## Storage stability

The product should be stored in the original bags kept tightly closed, away from sunshine and heat sources, at temperature of 20°C max.. Avoid storage of pallets piled up. Higher temperature during storage and transport can cause blocking formation and more difficult handling. Under these conditions and at a normal temperature (20°C) the resin should have a stability of one year.

## Safety

The product is not flammable and no toxic effect has been determined.

Further advices are given in the safety data sheet.

Eposir<sup>®</sup>: SIR INDUSTRIALE registered trade mark.

N.B.: The data given in this brochure do not constitute characteristic properties of the single product.

To our best knowledge, the information contained in this brochure is accurate and corresponds to the truth.

However, any recommendations or suggestions are provided without any guarantee, since the conditions in which the products are used are not under our control. Furthermore, nothing contained in this brochure shall be interpreted as a recommendation for using the product in violation of any patents relating to the material and their uses.