

# PROSID<sup>®</sup> 411

PRODUCT  
DATA SHEET  
PROSID 411/051305/1

## Description

Hardener for outdoor powder coatings based on *N,N,N',N'*-tetrakis(2-hydroxyethyl) hexanediamide.

## Applications

PROSID<sup>®</sup> 411, in combination with carboxyl functional resins, such as polyester or acrylic, enables to obtain powder coatings with excellent weather resistance, suitable for outdoors applications.

## Sales specifications

Property	Value	Unit	Method
Melting range (capillary)	120 ... 126	°C	SIR 10000
Weight loss at 105°C	1 max	%	SIR 10004
Colour (50% water solution)	50 max	Pt/Co scale	SIR 10007 (ASTM D 1209)

## Typical Properties (available on request)

Property	Value	Unit	Method
Appearance	white solid grains with powder		SIR 10010
Hydroxyl number	640 ... 720	mg KOH/g	SIR 10682 (DIN 53240-2)
Bulk density	0.65 ... 0.75	g/ml	SIR 10013

## Supply Form

Product is available as fine granules packed in 20 or 25 kg polyethylene bags.

## Storage stability

The product should be stored in the original bags kept tightly closed, away from sunshine and heat sources. Under these conditions and at a normal temperature (25°C) the product should have a stability of one year.

## Safety

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

Further information are provided in the relevant safety data sheet.

PROSID<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.