

## ANTI-CORROSIVE PIGMENT

### ZNAP-55

ZNAP-55 possesses a greater phosphate content compared to zinc phosphate.

The versatility of ZNAP-55 as an anti-corrosive pigment for numerous applications is attributed to the pigment's composition.

#### Application

Solvent based coatings  
Water based coatings  
Specialty coatings (Coil coatings, Direct to metal one coat)

#### Recommended dosage

It depends on the formulation, processing conditions and the type of the product.

#### Handling

Wear suitable mask, protective clothing, gloves and eye/face protection.

Avoid release to the environment. Refer to special instructions/safety data sheet.

A material safety data sheet for the safe handling of this product is available on request.

This technical data sheet is not dispensing with the responsibility of the user to follow appropriate legal directives such as regulations regarding food stuff, dangerous substances and safety at working places.

Nothing in this technical data sheet can be constructed as freedom to infringe patents of 3rd parties or to breach regulations and laws.

Date 16-08-2024

#### Definition

zinc aluminium orthophosphate hydrate

#### Chemical and physical properties

Appearance (Physical form)	Powder
Appearance (Color)	White
Zn [%]	38.5 - 40.5
Al [%]	4.0 - 5.5
PO4 [%]	53.0 - 56.0
pH	5.5 - 6.5
Density [g/cm <sup>3</sup> ]	typ. 3.1
Sieve residue 325 mesh [%]	max. 0.1
Loss on ignition 600°C [%]	9.0 - 12.5
Conductivity [μS/cm]	max. 300
Oil absorption value [g/100g]	typ. 40
Average particle size [microns]	2.0 - 3.5
Lead content (ppm)	max. 10
Cadmium content (ppm)	max. 10
Iron content (ppm)	max. 20

#### Mixing

#### Standard packaging

25 kg net PE/PP bags

#### Storage

Store in a cool and dry area, away from rain, snow and direct sun light.

#### Shelf life

12 months

The information in this technical data sheet is based on our own knowledge and personal experience. It should therefore only be regarded as a guide and not be taken as any form of guarantee. In the case of specific queries, please contact our technical service.