



Product Data Sheet

NeoCryl[®] XK-542

NeoCryl[®] XK-542 is an aqueous anionic, hydroxyl-group containing, polyacrylic dispersion.

Applications

- ACE (Agricultural, Construction, Earth moving)
- Train
- Bus

Principal properties

- Very high gloss
- Levelling
- Very good weathering resistance
- Long potlife
- High blister free film thickness(BFFT)

Recommendations on formulation and use

Application methods

- Spraying
- Roller application
- Brush application

Delivery form

42% solids in water & DBG & PnB =51:3.5:3.5

Product specifications

| Property | Range | Unit | GAP |
|------------------------|------------|------|------|
| Appearance | Milk white | | 0059 |
| Total solids w/w | 41-43 | % | 0001 |
| PH | 8.0-8.7 | | 0016 |
| Visc. Brookfield 25 °C | 1-5 | Pa.s | 0020 |

Other product data

| Property | Value | Unit | GAP |
|----------------------------|--------------|------|------|
| Density 23 °C | ± 1.04 | Kg/l | 0006 |
| Flash point | >100 | °C | 2800 |
| Hydroxyl content on solids | ± 4.2 | % | |
| Free monomer | Max.100 0 | ppm | 0118 |
| Preservative(s) : | | | |
| BIT (casno. 2634-33-5) | 0.06 | % | 0222 |

Storage guidelines

The resin should be stored indoors in original, unopened, undamaged container in a dry place at storage temperature between 5-30°C. Exposure to direct sunlight should be avoided.

Shelf life

Under above mentioned storage condition, the shelf life of the resin will be 12 month ex work.

Material safety

Material safety data sheet is available on request.

Test methods

Test methods (TM) referred to in the tables are available on request.

The user is held to check the quality, safety and other properties of the product referred to herein. The information and recommendations in this document are to the best of our knowledge, reliable. However, no rights whatsoever can be derived from this document or the information contained therein by any party, other than those expressly accepted by a selling entity of the Royal DSM group of companies ("DSM Selling Entity") in a binding sale and purchase agreement for product referred to herein. For the avoidance of doubt THE ROYAL DSM GROUP OF COMPANIES MAKE NO WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING THOSE OF MERCHANTABILITY AND FITNESS FOR PURPOSE. Unless explicitly agreed to otherwise in writing by the DSM Selling Entity, all offers, quotations, sales and deliveries of DSM products are subject to the General Conditions of Sale of such DSM Selling Entity.

This document has been issued by DSM Coating Resins on behalf of the DSM Selling Entity. For more information: www.dsmcoatingresins.com



Product Data Sheet

NeoCryl[®] XK-542

The user is held to check the quality, safety and other properties of the product referred to herein. The information and recommendations in this document are to the best of our knowledge, reliable. However, no rights whatsoever can be derived from this document or the information contained therein by any party, other than those expressly accepted by a selling entity of the Royal DSM group of companies ("DSM Selling Entity") in a binding sale and purchase agreement for product referred to herein. For the avoidance of doubt THE ROYAL DSM GROUP OF COMPANIES MAKE NO WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING THOSE OF MERCHANTABILITY AND FITNESS FOR PURPOSE. Unless explicitly agreed to otherwise in writing by the DSM Selling Entity, all offers, quotations, sales and deliveries of DSM products are subject to the General Conditions of Sale of such DSM Selling Entity.

This document has been issued by DSM Coating Resins on behalf of the DSM Selling Entity. For more information: www.dsmcoatingresins.com