

## WANNATE 6928

### Application

Wannate 6928 is a prepolymer of polyisocyanate and polyether, used as corrosion-resistant primers which can be formulated to be zinc-rich primers, besides it can be used in two component floor coating system as curing agent; Wannate 6928 polyisocyanate is an outstanding material for moisture-curing one-component primer and sealant for substrate even the dusty cement substrate, wannate 6928 film supply the best adhesion to substrate for SPUA system and other familiar system;

### Typical physical and chemical properties

Name	WANNATE 6928
Appearance	Brown clear liquid
Isocyanate equivalent weight	262
NCO content, %	16
Viscosity at 25°C, mPa.s	3500
Specific gravity at 25°C	1.14
Acidity (as HCL), %	<0.05
Flash point, °C	>170

\*These values provide general information and are not part of the product specification.

### Package

200 liters iron drums, 220±1kg/ Drum

### Storage

Since WANNATE 6928 is a reactive chemical, reaction with atmospheric moisture happens easily and leads to the formation of insoluble ureas and carbon dioxide gas, which can result in pressure build-up in closed containers and viscosity increase of the product. Containers must therefore be absolutely dry and carefully sealed after congested with nitrogen.

Containers of WANNATE 6928 should be kept properly closed and stored indoors at ambient temperatures (20-25°C) in a well-ventilated area. Storage at low temperatures (below 10°C) may lead to some crystallization; this material must, therefore, be protected from frost. If crystallization does occur, the material should be heated to 70-80°C to melt it out, strictly prohibit to heat over at local part and should then be thoroughly agitated before use.

### Shelf Life

Under recommended storage conditions, the shelf life of WANNATE 6928 is six months. If the production is overdue, but it's main physical and chemical properties in the guide line, may not effect on it's using properties.

### Safety

WANNATE 6928 is of low toxicity by inhalation and skin absorption. The very low volatility of WANNATE 6928 means that it should be of little hazard for brief exposures under normal conditions, e.g. in cases of small spillages.

Nevertheless, WANNATE 6928 is an isocyanate-based composition and should be of certain toxicity. It may cause mild eye irritation and slight skin irritation. It may pose problems of skin sensitization. WANNATE 6928 has a Ceiling Threshold Limit Value, TLV(C) of 0.02ppm(0.2mg/M<sup>3</sup>). It is important to note, however, that a vapour hazard will arise if the material is heated to temperatures above 40°C, or if it is reacted in an unventilated space. Another hazard is the formation of air-borne

droplets during spraying operations. Under such conditions, it is essential to wear a gas mask and a respirator since repeated inhalation of the vapour at levels above the TLV(C) could cause respiration sensitization.

Even under normal conditions, WANNATE 6928 remains a reactive chemical and care should be taken when handling it to prevent its coming into contact with the skin and eyes. Suitable protective clothing such as glove, protective spectacles and work suit should be worn.

Splashes on the skin or in the eyes should be removed promptly by irrigation with clean water and the skin should be well washed with soap and water. Since WANNATE 6928 is very easy to react with moisture and leads to the formation of carbon dioxide gas, containers must therefore be absolutely dry and sealed to protect from moisture and water. In case water splashes into the containers, be careful to avoid sealing it too tightly. It is important to leave holes to prevent containers from explosion.

#### **Declaration**

This information and our technical advice are in good faith but without warranty, and this also applied where proprietary rights of third parties are involved. We advise to test our products as to their suitability for the intended processes and uses. The application, use and processing of our products and the products manufactured by you on the basis of our technical advice are beyond our control and, therefore, entirely your own responsibility.

For more information, please refer to our MSDS or contact our customer service center.

#### **Contact Information**

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