

## **Curekind HMDC**

|                                 |  | Items                         | Specification |
|---------------------------------|--|-------------------------------|---------------|
| D                               | Hexamethylendiamine carbamat  C <sub>7</sub> H <sub>16</sub> N <sub>2</sub> O <sub>2</sub> M.W.: 160.21  CAS No.: 143-06-6  EINECS No: 205-581-6 | Appearance                    | White power   |
|                                 |  | Initial Melting Point, °C min | 150           |
| E<br>S                          |  | Heat Loss, % max              | 0.50          |
| C<br>R<br>I<br>P<br>T<br>I<br>O |  | Ash, % max                    | 0.30          |
|                                 |  | Residue on 63μm ,% max.       | 0.50          |
|                                 |  | Residue on 63μm ,% max.       | 0.50          |
|                                 |  | Additive,%                    | -             |

## **Characteristics**

Curekind®HMDC is white power, freely soluble in water, insoluble in ethanol and acetone.

## **Application**

As a vulcanizator, Curekind®HMDC is mainly used in fluorine rubber, ethylene acrylate rubber and polyurethane adhesive. It also can be used as a synthetic rubber modifier ,vulcanizing activator for NR, IR, SBR, IIR and the cross-linking agent for AEM. After using the Curekind®HMDC, the rubber products keep the bright color of the original. AEM rubber vulcanization system most commonly used is HMDC with DOTG or DPG.

Dosage 2.0-4.0phr

**Safety and Toxic** Refer to the SDS

**Storage** Store in closed containers in a cool, dry, well-ventilated place. Avoid exposure under direct sunlight **Package** Co-extruded paper bag lined with PE plastics film bag. Net weight 20kg/bag, N.W. 400kg per pallet

The information contained in this leaflet is based on tests carried out by our laboratories and data selected from references. Therefore it is not valid legally and does not signify any guarantee to customers of successful applications of the product according to their own formulas. However, our company will offer professional services in technology at utmost to facilitate customers to achieve expected purpose of product applications.

**CURELIND®HMDC** 

TECHNICAL TECHNICAL DATA SHEET (TDS) version 1.1