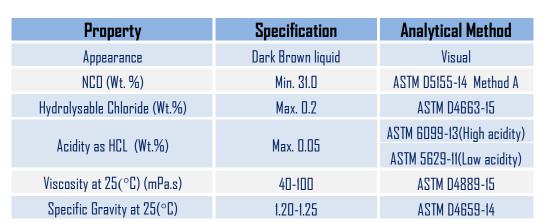
# TECHNICAL DATA SHEET (TDS)

SD-PRE-005-01

## **KARUNATE**<sup>TM</sup>

## **KP-50**

## Polymeric Methylene diphenyl Di-Isocyanate Crude MDI (Low Functionality)



⇒The current manufacturing technology of most isocyanates is based on the phosgenation of primary amines.

### Address :

Karun Petrochemical Company

#### Head office:

No.17,Khalilzadeh St., Vali-e-asr Ave., Vanak Sq., Tehran-Iran

#### Factory:

Site 2,Petrochemical Special Economic Zone (Pet zone), Bandare-Imam Khomeini-Iran

**1**0098 21 88786992-4

**A**0098 21 88677428

#### Web-site:

www.krnpc.ir

#### E-mail:

NDashti@krnpc.ir

#### Application areas

Polymeric MDI is commonly used to manufacture:

- ✓ Flexible foams used for the fabrication of prepolymers for bedding, furniture, automotive seating, flexible packaging and carpet underlay; this is the largest market application for Polymeric MDI
- ✓ "Foamed-in-place" polyurethane plastics ranging from soft and sponge-like to hard and porous for use in furniture, packaging, insulation and boat building
- ✓ Polyurethane coatings used on leather, wire, tank linings and masonry
- ✓ Cast elastomers for production of articles such as roller blade wheels

#### Handling and storage conditions

Use only with adequate ventilation. Do not eat, drink, or smoke in working area. Never use welding/cutting torch near storage containers, even if empty, because even residual product can ignite explosively. Product must be stored at  $20^{\circ}$ C to  $40^{\circ}$ C.

Storage stability: The best time is 6 month and it can be extended to 12 month.

#### Packing details

In 220 lit (250 kg Net.) new steel drum, each 4 drums strapped on a wooden pallet.

Licensor: Chematur Engineering (CEAB), Sweden.