

## Crude MDI 30I

OBSOLETE

### Description

CRUDE MDI 30I is a diisocyanate (MDI), used as a crosslinking agent for polyols (polyethers, polyesters), polyurethanes, elastomers (natural rubber, chloroprene,...)

### Technical Specifications

3. Brookfield Viscosity 25°C	mPa.s
CARADATE 30	180 - 240
18. NCO Contents	%
CARADATE 30	30.5 - 31.5

### Handling

Suggested concentration of CRUDE MDI 30I:  
1% on solvent based primer for PP or PVC  
tapes

0.3 - 0.5% for adhesives

These quantities have to be verified with  
experimental tests. Consider that a higher  
percentage of CRUDE MDI 30I causes a  
decrease on peel adhesion values.

As the curing process starts immediately after  
addition of CRUDE MDI 30I, it is necessary to  
use the product within 24 hours.

Pot life is usually 24 hours, but it depends on  
concentration and temperature.

### Packaging

CRUDE MDI 30I is supplied in 25 kg lacquer  
lined steel drums.

### Storing

Isocyanates react with water including  
atmospheric moisture liberating carbon  
dioxide, which can lead to excessive pressure  
in closed containers, and forming solid  
insoluble polyureas, which can block pipes,  
valves, etc.

As basic essential in storage, sampling and  
handling is the prevention of contact with  
water or a moist atmosphere. Contact with  
copper alloys must also be avoided and valves,  
etc. made of these materials must not be used  
in equipment for storing and handling  
isocyanates.

CRUDE MDI 30I drums should be stored in dry  
conditions at temperatures between 10°C and  
30°C, preferable in the unopened original  
containers.

Drums should not be exposed to flames or  
other direct sources of heat: if stored to the  
open, they should not be left in direct sunlight.

Minimum storage temperature	10°C
Maximum storage temperature	30°C
Maximum recommended storage time	6 months