



# TECHNICAL DATA SHEET

## LMK SILICATE RESIN

### PRODUCT DESCRIPTION

LMK Silicate Resin is a modified 4,4'-Diphenylmethane Diisocyanate. This product has been chemically adjusted to be a liquid product at ambient temperatures (above 15°C) (60°F) and exhibits good low temperature storage stability. The presence of the modified MDI raises the average functionality to slightly greater than 2.135.

### TYPICAL PHYSICAL PROPERTIES

Isocyanate Equivalent Weight	179
NCO Content, %	23.5
Acidity, % as HCl	0.004
Viscosity @ 25°C (77°F), cps	400
Functionality	2.4
Specific Gravity @ 25°C (77°F)	1.16
Flash Point, (Cleveland Open Cup) °C (°F)	210 (410)
Vapor Pressure @ 25°C (77°F), mm Hg	<1x10 <sup>-4</sup>

### SHELF LIFE AND STORAGE

The shelf life for **LMK Silicate Resin** is 6 months. This product should be stored at 21-35°C (70-95°F) under a dry nitrogen blanket. The storage temperature should not fall below 10°C (50°F) to prevent crystallization.

### PACKAGING

5 gallon pails  
53 gallon drums  
265 gallon totes

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