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Ref No: Z7250ABDSV4

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Data Sheet

Z-7250 Polyurethane Compound

Product Name: Z-7250

Revised 9/26/2004

Supersedes: 6/19/2003

Description

Z-7250 is a clear polyurethane compound for use on decals, labels, emblems and other decorated substrates. Z-7250 is a low viscosity material with excellent flow is also suitable for potting solar cells.

Hazards

Part A is manufactured for commercial use only. (See MSDS). Part B contains aliphatic diisocyanate and polymeric isocyanates. See MSDS for safe handling instructions.

Storage

Both Part A and Part B are sensitive to moisture and containers must be kept closed during storage. Storage temperature can be ambient, however the material should be warmed to 90 - 110°F before using.

Component Z-7250 Part A

Typical Liquid Properties

Appearance	Hazy liquid with a slight yellow tint
Specific Gravity	1.025 @ 100°F
Weight per Gallon	8.53 @ 100°F
Brookfield Viscosity	75-200 Cps. @ 100°F #2 Spindle RVT @ 20 rpm
Hydroxyl Value	260-280
Acid Value	less than 0.15
Water Content	less than 0.1%

Component Z-7250 Part B

Typical Liquid Properties

Appearance	Clear liquid
Specific Gravity	1.10 @ 100°F
Weight per Gallon	9.13 @ 100°F
Brookfield Viscosity	100-600 cps. RVT #2 Spindle, 50 rpm @ 100°F
NCO Value	22.2-23.2

Mixing Information

Ratio by Weight	Part A	49
	Part B	51
Ratio by Volume	Part A	50
	Part B	50

Curing

Gel Time 7-9 minutes, 100 grams @ 100°F

Cure Time 100-200°F 24-4 hrs (dependant on mass and temp)

All information, recommendations and suggestions contained herein are to the best of our knowledge true and accurate, but are made without guarantee. No warranty of fitness for a particular purpose is made. Nothing herein shall be construed to allow infringement of any patent.

Typical Physical Properties

Hardness 85-90 Shore A 40-45 Shore D

Heat Aging 7 days @ 85°C, no change

Weathering Accelerated weathering RS-4 sunlamp 200 hours with water spray,
no change

Humidity Resistance 7 days 100%RH @ 100°F, no change

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