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Handling Guidelines for NORDOT® Adhesives

Product Features

- NORDOT® Adhesives are one-part, high “green strength” (grab), curing urethanes that contain solvent.
- NORDOT® Adhesives are easy to use; have superior fresh and salt water resistance and long-term exterior durability.

Technical Information

Note The following technical information and data should be considered representative or typical only and should not be used for specification purposes.

Properties	#34D-2	#34N-2 #34N-4	#34G #34R-4(Super)	#34S-3(Plus)
Non-volatile	59%-62%	64%-66%	58%-64%	62%-64%
Volatile	38%-41%	34%-36%	36%-42%	36%-38%
VOC (Theoretical)	383 g/l	#34N-2 = 346 g/l #34N-4 = 101 g/l	#34G = 360g/l #34R-4(Super) = 99 g/l	#34S-3(Plus) = 329g/l #34S-4 = 87 g/l
NCO (Isocyanate content)	3.12%-3.63%	3.07%-3.63%	2.7%-3.35%	3.42% - 3.98%
Brookfield Viscosity	350-600 cPs (2 @ 20 RPM @ 25°C)	1, 500-2,500 cPs (3 @ 20 RPM @ 25°C)	22,000-29,000 cps (6 @ 10 RPM @ 25°C)	500-900 cPs (3 @ 20 RPM @ 25°C)
Application Temperature Range	From below freezing to hot desert temperatures (any temperature in which the installer can work)			

Storage and Shelf Life

Store product in a well-ventilated place. Keep container tightly closed. Do not store containers in direct sunlight, hot desert like or other high heat conditions as the increase in internal pressure from heat may cause the containers to rupture. When stored at the recommended conditions in original, unopened containers, will be replaced if it hardens within six months of the date of manufacture. However, the shelf life may be significantly longer.

Handling/Application Information

Directions for Use

1. Surface Preparation: Surfaces must be clean, dry and dust free. Wiping with a solvent such as methyl ethyl ketone (MEK)* or acetone will aid in removing oil and dirt.

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2. Application: Apply a uniform coat as specified by product.
3. Drying Time: Allow adhesive to dry until tacky (typically about 15 minutes depending on temperature, humidity, etc.). Please see installation guidelines for the 5 Phases of NORDOT Adhesive.
4. Bonding: When the adhesive dries to the Stage 3 or Stage 4, combine the surfaces using firm pressure to ensure good contact. Use a weighted roller where appropriate.
5. Cleanup: Excess adhesive may be removed with a solvent such as methyl ethyl ketone (MEK),* or acetone while the adhesive is still wet.

*Note: When using solvents, extinguish all ignition sources and follow the manufacturer's precautions and directions for use.

Precautionary Information

Refer to Product Label and Safety Data Sheet for health and safety information before using this product. For additional health and safety information, call 1-908-233-6803 or in case of emergency contact CHEMTREC (USA) at (800) 424-9300.

Safety Recommendations

- Keep away from heat / sparks / open flames
- Provide adequate ventilation. Where reasonably practiced, this be achieved using local exhaust ventilation and good general extraction. When not sufficient to maintain concentration of particulates and any vapor below occupational exposure limits suitable respiratory protection must be worn.
- Avoid contact with skin and eyes by wearing overalls, chemical resistant gloves, and safety glasses

Information

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