



Adhesive Technical Data Sheet

Section 1:

Product Description

The adhesive used in Curb Ramp™ is a series of single-component, 100 % solids, moisture-cured polyurethane binders that are designed for bonding particles together. The resulting composites are used in the manufacture of synthetic ramp-surfaces where durability and other impact criteria are important. The cure profile of this binder allows for either batch-mix or continuous application processes.

APPLICATIONS

For mixing with [Curb Ramp™](#); driveway curb filler.

Section 2:

Reaction Profile

Gardner Tack Free Time (20 mils 78°F/50% Humidity), ASTM D5895 : 1.67 Hour
Gardner Gel Time (20mils), ASTM D5895 : 1.06 Hours

Section 3:

Component Properties

Color, ISO : Clear w/ Yellow Tint
Specific Gravity (74°F), ISO : 1.07 - 1.11
Viscosity (74°F), ASTM D-2196 (ISO) : 2000 - 3000 cps
% Solids : 100 %

Section 4:

Typical Physical Properties

Tear Strength, Die C, ASTM D624 : 390 - 612 pli
Tensile Strength, ASTM D412 : 2370 - 3372 psi
Elongation, ASTM D412 : 390 - 475 %

*Values given are not intended to be used in specific preparation

Section 6:

Recommended Handling Instructions

Recommended Application and Handling Instructions

- Use only in well-ventilated areas.
- Wear chemically resistant rubber gloves, safety glasses, and an apron.
- Avoid prolonged or repeated contact with skin.
- In case of skin contact, wipe the affected area with isopropyl alcohol, followed by soap and water.
- In case of eye contact, flush eyes with water for 15 minutes and consult a physician.
- If swallowed or comes into contact with eyes, seek medical attention immediately.

Protect from moisture. If the ISO side material is exposed to moisture, including moisture from the air, it will release CO₂ gas. If placed in a sealed container, this gas can cause a dangerous buildup of pressure potentially resulting in injury or death.

Section 7:

Safety

Please refer to the SDS for all appropriate health and safety information.

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- ◆ Reported laboratory test results of the color stability in no way relates to the actual performance upon exposure to light sources. Since all aromatic urethanes experience color degradation upon ultraviolet light exposure, Seller shall not be liable for any damages resulting from ultraviolet light color degradation of any aromatic urethane systems manufactured or sold by Seller.
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