



The Chemical Company

PRODUCT DATA

DEGASEAL™ 26

High-performance, fast-tack hybrid polyurethane sealant

Description

DegaSeal™ 26 is a non-yellowing, hybrid, polyurethane-based, one-component sealant providing fast cure, superior adhesion and elastomeric properties. DegaSeal™ 26 offers excellent strength and can be used to eliminate mechanical fasteners and seal exterior and interior seams.

Yield

A 300 mL cartridge seals 24 lineal feet in 1/4" by 1/4" joint

1 gallon seals 308 lineal feet in a 1/4" by 1/4" joint

Packaging

300 mL (10.1 fl oz) cartridges, 24 cartridges per case

20 oz (590 mL) sausages, 20 sausages per case

4.5 gallon (17 L) pails and 50 gallon (190 L) drums; call Customer Service (1-800-433-9517) for availability.

Color

White, black and aluminum gray. For special orders of other colors, contact Customer Service.

Features

- Fast tack-free and skin time
- Primerless adhesion
- 100% VOC compliant
- UV resistant
- Paint compatibility within minutes

Benefits

- Improves process/application time
- Improves production efficiency
- Environmentally friendly
- Superior color stability
- Speeds manufacturing process

Shelf Life

Cartridges: 9 months when stored in unopened containers at 75° F (24° C) and 50% relative humidity

Sausages: 6 months when stored in unopened containers at 75° F (24° C) and 50% relative humidity

4.5 gallon pails and 50 gallon drums: 3 months when stored in unopened containers at 75° F (24° C) and 50% relative humidity

Storage

Protect unopened containers from heat and direct sunshine. In cool or cold weather, store containers at room temperature for at least 24 hours before using.

Where to Use

- Trailers
- Trucks
- Truck bodies
- Rail cars
- Buses
- Utility vehicles
- Containers
- Marine
- RV
- Manufactured housing
- Horse trailers
- Emergency vehicles

How to Apply

Surface Preparation

1. Surfaces must be dry, clean, free of dirt, moisture, loose particles, oil, grease, asphalt, tar, paint, wax, rust, waterproofings or other substances that may affect adhesion.
2. On metal surfaces, remove scale, rust and loose particles.
3. On painted metal, check compatibility before applying DegaSeal™ 26.

Technical Data

Composition

DegaSeal™ 26 is a hybrid polyurethane sealant/adhesive that is isocyanate-free and 100% VOC compliant.

Compliances

- ASTM C 920-87, Type S, Grade NS, Class 12.5, Use NT, M and A
- Federal Specification TT-S-00230C, Type II, Class B
- Chemically acceptable to the United States Department of Agriculture (USDA) for incidental food contact and potable water

Test Data

PROPERTY	RESULTS	TEST METHODS
Tack-free time, minutes	30 ± 5	ASTM C 679
Skin time, minutes	15 – 25	Industry method
Tensile strength, psi	231 ± 25	ASTM D 412
Elongation, at break, %	238 ± 50	ASTM D 412
100% modulus	117 ± 10	ASTM D 412
Sag resistance	Excellent	ASTM C 639
Tear strength, pit	32 ± 5	ASTM D 1044
Adhesion-in-peel, pli	39 ± 5	ASTM D 794
Hardness, Shore A	35 ± 5	ASTM C 661
Mandrel bend	No cracking	ASTM C 793
Bond durability, % Glass, aluminum, concrete	± 12.5	ASTM D 719
Density, lbs/gal	12.5	ASTM D 1475
Service temperature range, ° F	-40 to 200	
Weathering, xenon arc, 2000 hours	No degradation	ASTM G 151, G 155

Test results are averages obtained under laboratory conditions. Reasonable variations can be expected.

Application

1. DegaSeal™ 26 is a 100% VOC compliant sealant/adhesive that provides the industry’s fastest “primerless” bond and “tack-free” time. DegaSeal™ 26 bonds extremely well to a wide variety of substrates and requires no priming or substrate prep. DegaSeal™ 26 is ideally suited for sealing interior/exterior joints, waterproofing, overlap seams, sealing fascia and other structural components. DegaSeal™ 26 remains permanently elastic for superior sealing and will not yellow/discolor or degrade when exposed to UV.
2. Surface temperatures above 40° (4° C) F are recommended. DegaSeal™ 26 can be applied below freezing temperatures, but only if substrates are completely dry. For further information, call Technical Service.
3. For low temperature application, store DegaSeal™ 26 at room temperature (approximately 70° F [21° C]) for 24 hours prior to using.

4. DegaSeal™ 26 comes ready to use. Do not open cartridges until preparatory work has been completed. Trim nozzle to desired size opening. Place cartridge in caulking/adhesive gun and puncture seal inside nozzle.
5. Dry tooling is recommended.

Curing

- 1 day: 100° F (38° C) and 95% relative humidity
2 days: 70° F (21° C) and 65% relative humidity
5 days: 40° F (4° C) and 50% relative humidity
- Cure through times are based on a 1/4" diameter bead.

Clean Up

Immediately after use, clean equipment with the appropriate solvent. Use proper precautions when handling solvents. Cured sealant can be removed by cutting mechanically or abrading.

For Best Performance

- Do not apply over freshly treated wood; it's moisture content is recommended to be below 12%.
- During the cure, DegaSeal™ 26 should not come in contact with oil-based caulking, silicone sealant, polysulfides, fillers impregnated with oil, asphalt, tar and alcohol.
- Do not apply on frozen surface or standing water
- Avoid contact with water or alcohol before use and during the cure process
- Make certain the most current versions of product data sheet and MSDS are being used; call Customer Service (1-800-433-9517) to verify the most current version.
- Proper application is the responsibility of the user. Field visits by BASF personnel are for the purpose of making technical recommendations only and not for supervising or providing quality control on the jobsite.

Health and Safety

DEGASEAL™ 26

Caution

DegaSeal™ 26 contains calcium carbonate and may also contain one or more of the following: titanium dioxide and carbon black.

Risks

May cause skin, eye or respiratory irritation. May cause dermatitis and allergic responses. Ingestion may cause irritation. INTENTIONAL MISUSE BY DELIBERATELY INHALING THE CONTENTS MAY BE HARMFUL OR FATAL.

Precautions

Use only with adequate ventilation. Avoid contact with skin and eyes. Avoid breathing vapors. DO NOT take internally. Use impervious gloves, eye protection and if the TLV is exceeded or if used in a poorly ventilated area, use NIOSH/MSHA approved respiratory protection in accordance with applicable Federal, state and local regulations.

First Aid

In case of eye contact, flush thoroughly with water for at least 15 minutes. SEEK IMMEDIATE MEDICAL ATTENTION. In case of skin contact, wash with soap and water. If inhalation causes physical discomfort, remove to fresh air. If discomfort persists or any breathing difficulty occurs or if swallowed, SEEK IMMEDIATE MEDICAL ATTENTION.

Refer to the Material Safety Data Sheet (MSDS) for further information.

VOC Content

5 g/L or 0.04 lbs/gal, less water and exempt solvents.

**For medical emergencies only,
call ChemTrec (1-800-424-9300).**

**BASF Construction Chemicals, LLC –
Building Systems**

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Technical Service 800-243-6739



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