



The Chemical Company

PRODUCT DATA

7 07 92 00 Joint Sealants

GOLD LABEL ALL SEASON LOOP SEALANT

Polyester traffic-detector loop sealant

Description

Gold Label All Season Loop Sealant is a self-leveling polyester sealant. It is designed for the traffic-control industry to embed and protect detector loop wire for traffic signals and parking gates.

Yield

See page 3 for chart.

Packaging

3.5 gallon (30 lb [13.5 kg]) plastic pails, containing:
1 gallon (3.8 L) liquid
20 lbs (9 kg) powder
1/2 oz tube of Flexgard Retarder

Color

Gray

Shelf Life

1 year when properly stored

Storage

Store and transport in unopened containers at 60 to 80° F (16 to 27° C) in clean, dry conditions.

Features

- Cures quickly
- Flexible
- Variable mix ratio
- Self-leveling
- Freeze/thaw tolerant
- Moisture tolerant

Benefits

- Minimizes traffic disruption
- Cured sealant accommodates normal movement in concrete or asphalt
- Allows applicator to mix to desired consistency
- Ensures loop wire is totally encapsulated
- Can be used in subfreezing conditions
- Can be used on damp substrates

Where to Use

APPLICATION

- For embedding detector loop wire for traffic signals and parking gates

LOCATION

- Interior or exterior

SUBSTRATE

- Concrete and masonry

How to Apply

Mixing

1. Gradually add the powder to the liquid resin in a clean container, preferably plastic. Use the full 20 lbs (9 kg) of powder and mix with the 1 gallon (3.8 L) of resin supplied. Extra resin (up to an additional gallon) may be added to meet job requirements. Additional powder may also be added for variable consistency.
2. Stir constantly to achieve a uniform consistency. For best results, use a mechanical mixer.
3. To extend the pot life, mix in the tube of Flexgard provided with each kit.

Application

1. Saw cut the joint to desired dimensions.
2. Clear sawcut of water and debris using oil-free compressed air.
3. Install the detector loop wire.
4. Slowly pour Gold Label All Season Loop Sealant into the sawcut, allowing the sealant to settle and self-level.

Clean Up

Clean up tools and equipment with lacquer thinner. Clean skin immediately with soap and water or industrial hand cleaner, not solvents.

For Best Performance

- Can be applied below freezing temperatures provided substrate is frost and ice free.
- 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.



Technical Data

Composition

Gold Label All Season Loop Sealant is a self-leveling polyester sealant.

Typical Properties

PROPERTY	VALUE
Pot life, min, at 77° F (25° C)	10 – 15
With Flexlard	30 – 40
Initial cure, min, at 77° F (25° C)	20
Cure with Flexlard	45

Test Data

PROPERTY	RESULTS	TEST METHODS
Viscosity, cps, at 78° F (26° C)	6,500	ASTM Brookfield Model RVT #3 at 10 rpm
Hardness, Shore D	50	ASTM D 2240
Tensile strength, psi (MPa)		ASTM D 638
2 to 1 powder / resin	395 (2.7)	
1 to 1 powder / resin	246 (1.7)	
Elongation, %		ASTM D 638
2 to 1 powder / resin	10	
1 to 1 powder / resin	20	
Bond to concrete, psi (MPa), direct tensile	300 (2.1) 100% concrete failure	ASTM D 4541
Absorption, %		ASTM D 570
Salt water (5% solution)	0.20	
Water	0.20	
Oil	0.02	
Gasoline	0.80	
Linear shrinkage, %	0.78	ASTM D 2566
Arc resistance, sec	181	ASTM D 495

All application and performance values are typical for the material, but may vary with test methods, conditions, and configurations.

Health and Safety

GOLD LABEL ALL SEASON LOOP SEALANT LIQUID

Warning

Gold Label All Season Loop Sealant Liquid contains styrene.

Risks

Flammable liquid and vapor. May cause skin and eye irritation. Ingestion may cause irritation. May be absorbed through skin. Repeated or prolonged exposure increases risk of exposure. Inhalation of vapors may cause irritation and intoxication with headaches, dizziness and nausea. Reports associate repeated or prolonged occupational overexposure to solvents with permanent brain, nervous system, liver and kidney damage. INTENTIONAL MISUSE BY DELIBERATELY INHALING THE CONTENTS MAY BE HARMFUL OR FATAL.

Precautions

KEEP OUT OF THE REACH OF CHILDREN. KEEP AWAY FROM HEAT, FLAME AND SOURCES OF IGNITION. Vapors are heavier than air. Keep container closed. Use only with adequate ventilation. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Avoid breathing vapors. DO NOT take internally. Use impervious gloves, eye protection and if the TLV is exceeded or 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 affected areas with soap and water. If irritation persists, SEEK MEDICAL ATTENTION. Remove and wash contaminated clothing. 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 Material Safety Data Sheet (MSDS) for further information.

Proposition 65

This product contains materials listed by the state of California as known to cause cancer, birth defects, or other reproductive harm.

VOC Content

2.74 lbs/gal or 329 g/L

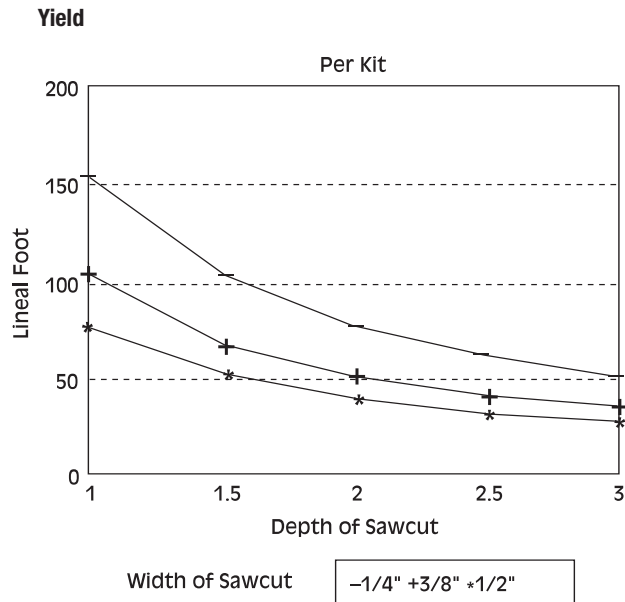
GOLD LABEL ALL SEASON LOOP SEALANT

Caution

Gold Label All Season Loop Sealant Powder contains calcium carbonate and crystalline silica.

Risks

May cause skin or eye irritation. Ingestion or inhalation of dust may cause irritation. Contains a small amount of free respirable quartz, which has been listed as a suspected human carcinogen by NTP and IARC. Repeated or prolonged overexposure to free respirable quartz may cause silicosis or other serious and delayed lung injury.



Precautions

KEEP OUT OF THE REACH OF CHILDREN. Avoid contact with skin, eyes and clothing. Prevent inhalation of dust. Wash thoroughly after handling. Keep container closed when not in use. DO NOT take internally. Use only with adequate ventilation. Use impervious gloves, eye protection and if the TLV is exceeded or used in a poorly ventilated area, use NIOSH/MSHA approved respiratory protection in accordance with applicable federal, state and local regulations.

First Aid

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For more information see Material Safety Data Sheet (MSDS) for this product.

Proposition 65

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VOC Content

0 lbs/gal or 0 g/L, less water and exempt solvents

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

BASF Building Systems

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Customer Service 800-433-9517
Technical Service 800-243-6739

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