

## PRODUCT DATA

7<sup>07 92 00</sup> Joint Sealants

# GOLD LABEL 1P LOOP SEALANT

## One-part loop sealant

### Description

Gold Label 1P Loop Sealant is a one-part polyurethane sealant designed specifically for the traffic-control industry. This flexible self-leveling sealant embeds and protects detector loop wire in traffic signals and parking gates.

### Yield

See page 3 for charts.

### Packaging

30 fluid ounce (855 ml) cartridges

4.5 gallon (17.0 L) units

### Color

Gray

### Shelf Life

1 year when properly stored

### Storage

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

### Features

- Fast curing
- One-part formula
- Quickly applied by bulk extrusion pumps or one-quart caulking guns, manual or pneumatic
- Self-leveling
- Polyurethane chemistry

### Benefits

- Lanes can be opened immediately when sealant is recessed 1/8" (3 mm)
- Requires no mixing or heating; ready to use from the pail or cartridge
- Suitable for large or small jobs
- Flows around and encapsulates detector loop wire
- Remains flexible with age; accommodates normal movement in concrete

### 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

#### Application

1. Saw cut joint to desired dimensions.
2. Clear sawcut of excessive water and debris using oil-free compressed air. The joint should be clean and dry.
3. Install the required detector loop wire.
4. Gold Label 1P Loop Sealant is supplied ready for application. It is quickly applied with bulk extrusion pumps or one-quart cartridge guns.
5. Apply the product directly into the prepared sawcut and encapsulate the detector wires. Keep the sealant 1/8" (3 mm) below the surface of the pavement.

### Clean Up

Clean up tools and equipment after use with xylene. Clean skin immediately with soap and water or industrial hand cleaner, not solvents.

### For Best Performance

- Do not apply during rainfall.
- Do not apply when surface or air temperature falls below 40° F (4° C) or rises above 130° F (54° C).
- Precondition all components to 70° F (21° C) for 24 hours before using.
- Allow for longer cure times at lower temperatures.
- 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 1P Loop Sealant is a one-part polyurethane sealant.

### Typical Properties

PROPERTY	VALUE
<b>Consistency</b>	Pourable, self leveling
<b>Application temp range,</b> ° F (° C)	40 to 130 (4 to 54)
<b>Service temp range,</b> ° F (° C)	-40 to 200 (-40 to 93)
<b>Curing time,</b> 1/8" bead, hrs	26

### Test Data

PROPERTY	RESULTS	TEST METHODS
<b>Weight per gallon,</b> lbs	9.0 ±0.1	ASTM D 1875
<b>Viscosity,</b> cps	12,000 – 30,000	Brookfield Model HBT, 4 spindle, 10 rpm
<b>Tack-free time,</b> hrs	20	ASTM C 679
<b>Hardness,</b> Shore A	50	ASTM C 661
<b>Tensile strength,</b> psi (MPa)	150 (1.0)	ASTM D 412
<b>Elongation,</b> %	200	ASTM D 412
<b>Bond to concrete,</b> psi (MPa) Direct Tensile	225 (1.6) 100% concrete failure	ASTM D 4541
<b>Adhesion in peel,</b> pli		ASTM C 794
Aluminum	20	
Glass	20	
Fiberglass	20	
<b>Tear strength,</b> pit	40	ASTM D 1938
<b>Arc resistance,</b> sec	75	ASTM D 495
<b>Dielectric constant,</b> 50 Hz 500 Hz	6.05 4.95	ASTM D 150
<b>Effects of heat aging</b>	Passes	ASTM C 792
<b>Stain and color change</b>	Passes	ASTM C 510

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

## Health and Safety

### GOLD LABEL 1P LOOP SEALANT

#### Warning

Gold Label 1P Loop Sealant contains xylene, toluene diisocyanate mix, amorphous silica, and polyvinyl chloride.

#### Risks

Flammable liquid and vapor. May cause skin and eye irritation. Ingestion may cause irritation. May cause dermatitis and allergic responses. Potential skin and/or respiratory sensitizer. 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.

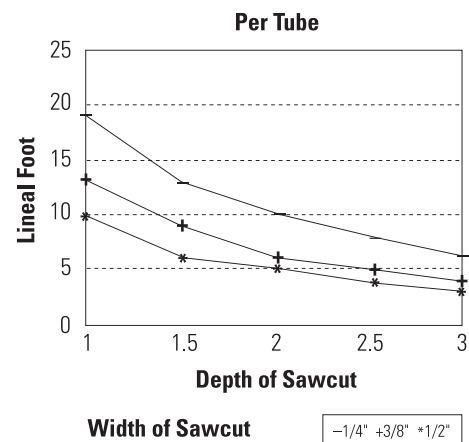
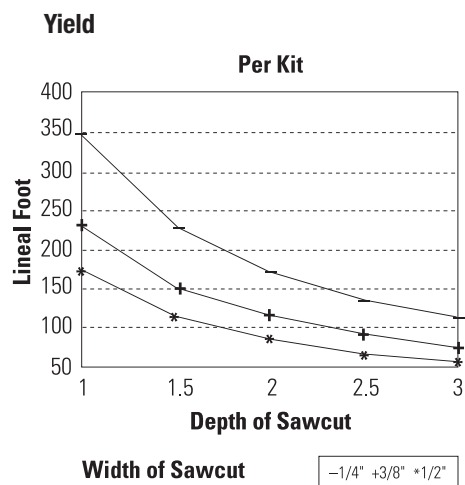
## Precautions

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 material listed by the state of California as known to cause cancer, birth defects, or other reproductive harm.

**VOC Content**

1.56 lbs/gal or 187 g/L, less water and exempt solvents

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

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