

PRODUCT DATA

7 07 92 00 **Joint
Sealants**

SONOLASTIC® PRIMER 733 AND PRIMER 766

Primers for Sonolastic® sealants

Description

Primer 733 is a quick-drying solvent-based primer for priming joints and substrates before application of Sonolastic® NP 1™, TX 1, NP 2™, Ultra, SL 1™, SL 2™, and Sonolastic® 150 series sealants.

Primer 766 is a high-solids, low-VOC solvent-based primer for priming joints and substrates before application of Sonolastic® NP 1™, TX 1, NP 2™, and Ultra sealants.

Yield

PRIMER 733 AND PRIMER 766

35 – 40 ft²/pt (6.87 – 7.86 m²/L)

450 linear ft (137 m) for a
1/2" (13 mm) deep joint

Packaging

PRIMER 733 AND PRIMER 766

Half pint (236 ml) cans

One pint (473 ml) cans

Color

PRIMER 733

Light amber

PRIMER 766

Transparent (water white)

Shelf Life

2 years when properly stored.

Storage

Store in unopened containers in a cool, dry area out of direct sunlight.

Features

PRIMER 733

- Solvent based
- Adhesion promoting
- Compatible with all Sonneborn® polyurethane sealants

PRIMER 766

- High solids, low VOCs
- Adhesion promoting to glass
- Transparent

Benefits

Quick drying
Improves adhesion to many substrates requiring a primer

Provides versatility and convenience

Environmentally and user friendly

Improves durability of polyurethane-to-glass bond

Nonstaining

Where to Use

APPLICATION

- As primers for Sonolastic® joint sealants

LOCATION

- Interior or exterior
- Above grade

SUBSTRATE

- Concrete and masonry joints and substrates
- Metal joint substrates such as stainless steel, copper, galvanized steel, aluminum
- High performance fluorocarbon coatings, such as Kynar 500 based coatings, on aluminum (Primer 733 only)
- Glass (Primer 766)

How to Apply

Surface Preparation

1. Masonry surfaces must be sound, clean, dry, and free of all paint, grease, oil, dirt, and foreign matter.
2. Concrete surfaces must be fully cured and free of laitance, moisture, or form oils.
3. Where necessary, clean joint surfaces by grinding, sandblasting, or mechanical abrading; remove dust, dirt, and loose particles before priming.
4. Metal-edged joint surfaces must be clean and free of all rust, oil, and dirt.

Application

PRIMER 733

1. Apply Primer 733 to the cleaned joint surfaces by brushing on a thin, uniform coat. Use primer as is; do not thin. Too much primer may act as a bondbreaker.
2. Allow primer to dry tack free before applying sealant. Dry time will vary depending on temperature and humidity.
3. Sealant must be applied the same day as primer.

Technical Data

Composition

Primers 733 and 766 are solutions of isocyanate adhesion promoters in organic solvents.

Typical Properties

PRIMER 733

| PROPERTY | VALUE |
|--------------------------------|---------|
| Flash Point , ° F (° C) | 65 (18) |
| Viscosity , cps | 90 |
| Solids , by volume, % | 35 |

PRIMER 766

| PROPERTY | VALUE |
|--------------------------------|-------------------|
| Flash Point , ° F (° C) | 35 – 40 (1.7 – 4) |
| Viscosity , cps | 90 |
| Solids , by volume, % | 59 |

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

PRIMER 766

1. Apply Primer 766 to the cleaned joint surfaces by brushing on a thin, uniform coat. Use primer as is; do not thin. Too much primer may act as a bondbreaker.
2. Allow primer to dry at least 30 minutes and up to 8 hours before applying sealant. Dry time will vary depending on temperature and humidity.
3. Sealant must be applied the same day as primer.

Clean Up

PRIMER 733 AND PRIMER 766

Brushes and tools may be cleaned with Reducer 990 before primer has dried. Dried primer must be removed by abrading.

Drying Time

PRIMER 733

15 minutes at 70° F (21° C) and 50% humidity.

PRIMER 766

30 minutes to 8 hours, depending on temperature and humidity, (60 minutes at 72° F [22° C] and 50% relative humidity). Primer 766 will be tacky to the touch but will not transfer to the finger when dry.

For Best Performance

- Substrates such as copper, stainless, and galvanized typically require the use of a primer; Primer 733 or 766 is acceptable. For Kynar 500-based coatings, use Primer 733 only. An adhesion test is recommended for any other questionable substrate.
- Be careful to apply Primer 733 only to joint faces; Primer 733 will darken upon UV exposure.
- 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 versions.
- 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

PRIMER 733

Warning

Primer 733 contains xylene, propylene glycol methyl ether acetate, toluene diisocyanate mix, toluene and ethyl benzene.

Risks

Flammable liquid and vapor. Skin, eye and respiratory irritant. May be absorbed through skin. Repeated or prolonged exposure increases the risk of absorption. Potential skin and/or respiratory sensitizer. Contains material which may cause cancer. Risk of cancer depends on duration and level of exposure. Ingestion may cause irritation. Reports associate repeated or prolonged occupational overexposure to solvents with permanent brain, nervous system, liver and kidney damage. Overexposure during pregnancy may cause harm to unborn fetus. INTENTIONAL MISUSE BY DELIBERATELY INHALING THE CONTENTS MAY BE HARMFUL OR FATAL.

Precautions

READ MSDS AND TECHNICAL DATA GUIDE BEFORE USING. DO NOT USE UNTIL ALL BYSTANDERS HAVE BEEN WARNED OF PRODUCT HAZARDS. KEEP AWAY FROM HEAT, FLAME AND SOURCES OF IGNITION. KEEP OUT OF THE REACH OF CHILDREN. Vapors are heavier than air. DO NOT cut or weld on or near empty container. Empty container may contain explosive vapors or hazardous residues. Keep container closed. All label warnings must be observed until container is commercially cleaned or reconditioned. Use only with adequate ventilation. DO NOT get on skin, in eyes, or on clothing. Wash thoroughly after handling. DO NOT breathe vapors. Wear clothing to cover skin. Use impervious gloves, eye protection and if the TLV is exceeded or product is used in a poorly ventilated area, use NIOSH/MSHA approved respiratory protection. NOT RECOMMENDED FOR USE IN AREAS WHERE VAPORS CAN ACCUMULATE OR BECOME ENTRAPPED.

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, birth defects, or other reproductive harm.

WARNING: Manufactured with carbon tetrachloride, a substance which harms public health and the environment by destroying ozone in the upper atmosphere.

VOC Content

4.87 lbs/gal or 584 g/L, less water and exempt solvents.

PRIMER 766

Warning

Primer 766 contains xylene, ethyl benzene, methyl ethyl ketone and polyisocyanate.

Risks

Flammable liquid and vapor. Causes skin, eye and respiratory irritation. Potential skin and/or respiratory sensitizer. Overexposure may cause injury to eyes, and damage to brain, nervous system, liver and kidney. INTENTIONAL MISUSE BY DELIBERATELY INHALING THE CONTENTS MAY BE HARMFUL OR FATAL.

Precautions

READ MSDS AND TECHNICAL DATA GUIDE BEFORE USING. DO NOT USE UNTIL ALL BYSTANDERS HAVE BEEN WARNED OF PRODUCT HAZARDS. KEEP AWAY FROM HEAT, FLAME AND SOURCES OF IGNITION. KEEP OUT OF REACH OF CHILDREN. Keep container closed. Use only with adequate ventilation. Prevent contact with skin, eyes and clothing. Prevent inhalation of vapors. 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. In case of skin contact, wash affected areas with soap and water. If irritation persists, SEEK MEDICAL ATTENTION. 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, birth defects, or other reproductive harm.

VOC Content

2.82 lbs/gal or 339 g/L, less water and exempt solvents.

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

BASF Building Systems

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www.BASFBUILDINGSYSTEMS.COM

Customer Service 800-433-9517

Technical Service 800-243-6739

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