



# Epoxy.com Product #965

2 Component Chemical Resistant Polysulfide Joint Sealant

## DESCRIPTION:

**Epoxy.com Product #965 Polymeric Joint Sealant** is a two-component chemically cured polysulfide sealant that provides excellent resistance to bioactivity and the harsh conditions encountered in wastewater treatment plants. **Epoxy.com Product #965 Polymeric Joint Sealant** cures to a flexible rubber that provides a watertight seal between concrete, masonry, metals, glass, wood, and other construction materials. **Epoxy.com Product #965** is has a non-sag consistency. For a pourable consistency use Product #964.

## ADVANTAGES:

**Epoxy.com Product #965** bonds tightly to most clean, dry surfaces. **Epoxy.com Product #965** provides +/- 25% joint movement in temperatures as low as -10°F. **Epoxy.com Product #965** displays excellent resistance to heat, ozone, oxidation, sunlight and weathering. **Epoxy.com Product #965** is specially formulated to give resistance to bioactivity and chemical attack.

## PROPERTIES:

**Epoxy.com Product #965** has excellent electrical resistance properties. Typical physical properties of cured material at 77°F (25°C) and 50% relative humidity are as follows:

Tensile Strength	ASTM D-638	170 psi	1.17 MPa
Tensile Elongation	ASTM D-638	250%	
Shore Hardness A Scale	ASTM D-2240	30-35	
Service Range		-40°F (-40°C) to 250°F (121.1°C)	
Color		Gray	
Pot life after mixing	at 70°F (21.1°C)	approximately 40 minutes	
Initial cure		24 hours	
Final cure		7 days	

## SPECIFICATION:

**Epoxy.com Product #965** meet the following specifications:

- National Bureau of Standards and GSA TT-S-0227E (1970)
- American Society for Testing & Materials (ASTM) C-920
- Jet Fuel Resistance Meets Federal Specification SS-S-200E.

## **MIXING:**

Mix entire contents of "B" Component into "A" with a slow speed mechanical mixer for 3 minutes. Mix well until color is uniform. Apply immediately after mixing.

## **APPLICATION:**

Inspect joint slots to assure that they are clean and dry. To maximize bond to concrete, masonry, and steel, apply **Epoxy.com Product #965 Joint Primer** and allow to dry. Primer must be used in constant immersion joints. Apply Product #965 with either a caulking gun, by trowel, by concrete grout bag, or a follower plate pressurized system.

**PRIMER:** If a primer is required use Epoxy.com [Product #950 Joint Sealant Primer](#). Product #950 Joint Sealant Primer is a one component moisture curing primer formulated to improve adhesion of our Epoxy.com **Joint Sealants**. Epoxy.com Product #950 **Joint Sealant Primer** is easy to use and provides extra protection in applications where standing water or submersion will be present. Epoxy.com Product #950 **Joint Sealant Primer** acts to increase bond between organic and inorganic interfaces, binding together weak areas and creating a tough surface.

## **COVERAGE:**

Each 1.5 gallon (5.68 L) of mixed material will fill 346 cubic inches (5.7L) of joint slot, 115 ft. (35 meters) of 1/2" x 1/2" (12 mm x 12 mm) or 57 ft. (17 meters) of 1/2" x 1" (12 mm x 25 mm) joint slot.

## **PACKAGING:**

**Epoxy.com Product #964/965** is available in 1.5 gallon (5.68 L) units.

## **NOTES:**

## LIMITATIONS:

Do not install in damp or wet joints. Ambient temperature should be above 40°F (4.4°C) at time of application to assure proper curing.

## SHELF LIFE:

One (1) year

**FOR INDUSTRIAL USE ONLY  
KEEP AWAY FROM CHILDREN**

For more information please contact:

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