



TDS

# MSD MULTIPATCH

**MSD MULTIPATCH** is a two-component 100% solids epoxy crack filler. It is intended for small repairs on both horizontal and vertical applications.

## RECOMMENDED USES

MSD MULTIPATCH is intended for the repair of small masonry and concrete cracks.

## APPLICATION

### Preparation:

Prior to application, ensure the substrate is thoroughly cleaned and free from any dirt or foreign contaminants. This ensures a proper bond. MSD MULTIPATCH is not intended for cracks greater than 1/8" in width. Ensure all loose concrete is removed from within the crack and the crack has been thoroughly vacuumed prior to applying the product.

### Mixing:

The mixing ratio is 1:1. Simply measure out equal amounts of material from Part A and Part B and combine them using a slow-speed mixer. Mixing by hand using a putty knife or similar tool is also acceptable. Continue mixing until both parts are combined and have a uniform color in appearance. Only mix enough material to make the necessary repair.

### Priming:

Priming is not necessary.

### Application:

Once the material has been mixed, apply it using a trowel or putty knife.

### Cleaning:

Use Xylol.

### Floor Cleaning:

It is recommended to test smaller areas of your finished flooring when choosing your cleaner. Some aggressive cleaning products may discolor the product.



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## APPLICATION

### Restrictions:

Avoid heavy traffic and harsh chemicals until the coating has fully cured. In addition, avoid moisture during the curing process. Finished flooring may be slippery when wet; use caution.

## SPECIFICATIONS

**Solids by Weight:** 100%

**Solids by Volume:** 100%

**VOC:** Less than 11 g/l

**Recommended Film Thickness:** 1/8" cracks or thin build repairs

**Product Yield:** 0.13 cubic feet or 1,228 lineal feet @ 1/8" x 1/8"

**Packaging Information:** 2 gallon kit: 1 gallon part A / 1 gallon part B

**Mix Ratio:** 1 Part A to 1 Part B

**Shelf Life:** 6 months in unopened containers

### Cure Schedule @ 70°

Pot Life 1-3 hours

Tack Free (dry to touch) 5-10 hours

Re-Coat or Top-Coat Immediately

Light Foot Traffic 10-24 hours

Full Cure (heavy traffic) 2-7 days

**Application Temperature:** 60° F - 90°F

### Product Storage:

Store product at normal room temperature before using. Continuous storage should be between 60 and 90 degree F. Low temperatures or temperature fluctuations may cause product crystallization.

**Viscosity:** Mixed = > 3,100,000 cps (typical)

**DOT Classifications:** Part A "not regulated"

Part B "not regulated"



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SPECIFICATIONS

## Product Testing Data:

**Abrasion Resistance:** Taber abraser CS-17 calibrase wheel with 1000 gram total load and 500 cycles = 36 mg loss

**Flexural Strength:** 7,500 psi @ ASTM D790

**Compressive Strength:** 8,710 psi @ ASTM D695

**Tensile Strength:** 6,256 psi @ ASTM D638

**Ultimate Elongation:** 2.4%

**Gardner Variable Impactor:** 50 inch pounds direct – passed

**Hardness:** Shore D = 65

**Heat Deflection Temp:** 59 degrees C (138 degrees F)

**Adhesion:** 350 psi @ elcometer (concrete failure, no delamination)

## Chemical Resistance:

REAGENT	RATING
butanol	C
xylene	B
1,1,1 trichloroethane	A
MEK	A
methanol	A
ethyl alcohol	A
skydrol	B
10% sodium hydroxide	E
50% sodium hydroxide	D
10% sulfuric acid	C
70% sulfuric acid	A
10% HC1 (aq)	C
5% acetic acid	A

*Rating key: A - not recommended, B - 2 hour term splash spill, C - 8 hour term splash spill, D - 72 hour immersion, E - long term immersion. NOTE: extensive chemical resistance information is available through your sales representative.*