

Product Name

SHARPIE Lumber Repair Caulking NB MSC1-05

One component caulking, Moisture cure type Modified silicone.

High hardness and strength, just right elongation

Born for wood repair, but also applicable to concrete, metal and so on.

Non-bleed type !Paintable!

*Some osmotic coating may caused retardation or inhibition of curing.

■Advantages

- ◇High strength and hardness, Right elongation
 - Excellent performance for wooden repair
 - Hard to be stab
- ◇Good adhesion
 - Good adhesion with various substrates
 - Show better with recommended primer
- ◇Fast cure type
 - Shorten construction period
- ◇Anti-mold agent
- ◇Low loss of volume
 - because become hollow less, good finishing after curing

■Application

- ・ Filling for hole and crack caused by peg or screw.
- ・ Crack of wooden parts for interior
Wood floor, Wood furniture
- ・ Crack and Corrosion of wooden parts for outdoor use
Exp. wood deck, log-house, verandah

■Technical Product Data

Product Name	SHARPIE Lumber Repair Caulk NB
Consistency	Pasty
Main Component	special Modified silicone polymer

Based on JIS A 5758 & JIS A 1439

Viscosity	23℃	400
Density(g/ml)		1.40
Tack-free time (min.)	23℃	20
Nonvolatile(%)		95

Tensile Properties

Curing condition	Test condition	50% Tensile Stress (N/mm ²)	Maximum tensile stress (N/mm ²)	Elongation at break (%)
After curing	23℃	0.8	1.4	210
After heating (80℃)	23℃	0.93	1.75	130
After immersion in water	23℃	0.57	0.75	180

with NO primer
Substrate :
Japanese cypress

■Paintability

General reference. During primer or paint difference, confirmation request.

Classified	General	Adhesion	Non-stain
Single layer finish	Acrylic resin lithin	○	◎
	Elastic lithin	○	◎
Multi-layer finish	Acrylic silicone	○	◎
	Elastic spray lithin (waterproof)	○	◎
Thick layer finish	Synthetic stucco	○	◎
Waterbase paint		○	◎
Solventbase paint		○	◎
Oilbase paint		○	×
Oilbase or phthalic oxidatively-polymerized paint		××	

Waterbase , beware water repellence.

adhesion

○:good, :normal, x:bad

Non-stain

◎ : Excellent ○ : good

△slight(but not effected)

x: Bad ×× : Not dry

* Oil base paint or oxidation polymerization type paint of Phthalic acid maybe happen no-curing.

**After Osmotic paint is painted on this product, it become poor dry surface.

■ Recommend primer

Recommend substrates	Product name	Note
Wood, concrete, Metal	SHARPIE primer P-50	Non-yellowing(weather resistance)

■ Notice

- The surfaces to be bonded must be dry, free of oil, dust, grease and other contaminants.
- NO operation when it rains or snows.
- Before operation, wooden corrosion should be removed as well as.
- NO application on the surface which contained volatile.
- DO NOT operated too thin, or it will turn to white in a short-term.
- CAN NOT operated on asphalt.
- CAN NOT adhere to marble and glass.

■ How to use

Please operate the product according to following procedure

- 1) Pre-study and preparation
- 2) Pre-check
- 3) Seam/surface dust free and dried
wooden corrosion is removed as well as.
wipe off moisture by waste at deep corrosion
- 4) Setup the masking tape
- 5) Primer apply (primer tack-off time : 30min/20°C)
- 6) Load the sealant into a caulking gun
- 7) Inject the sealant
- 8) Use a spatula to finish the joint.
- 9) Remove the masking tape
- 10) Clear up around
- 11) Check the operation

■ Attention

- Keep away from heat/sparks/static electricity/open flames/hot surfaces. No smoking.
- Do not breathe dust/fume/gas/mist/vapours/spray.
- Wear protective gloves/protective clothing/eye protection/face protection.
- Avoid release to the environment.
- IF SWALLOWED: Rinse mouth.
- IF exposed or if you feel unwell: Immediately call a POISON CENTER or doctor/physician.
- IF skin or eye contact occurs immediately flush with water for 15 minutes. And call a POISON CENTER or doctor/physician.
- IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- Keep out of reach of children
- Storage in a dark cold place. Keep away from sunshine.
- Industrial use ONLY
- See SDS for detailed description.

■ packaging

- [illegible]

★The data above, due to different materials and conditions of application which are beyond our knowledge and control we strongly recommend carrying out sufficient tests in order to ensure that our products are suitable for the intended process and applications. Except for wilful acts any liability based on such recommendations or any oral advice is hereby expressly excluded.



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