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#### To customers

The data presented in this catalog are in accordance with the present state of our knowledge, we reserve the right to alter product constants within the scope of technical progress or new developments.

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















くらし・1にわる 生活想造企業シャープ化学

# 新しい生活想造で 暮らしを化える共感を世界へ

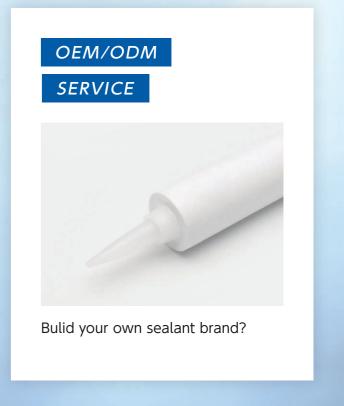
Innovachemical to make your life better





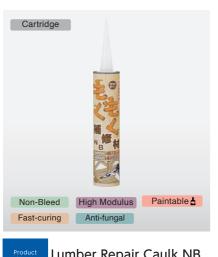








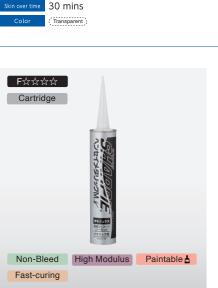














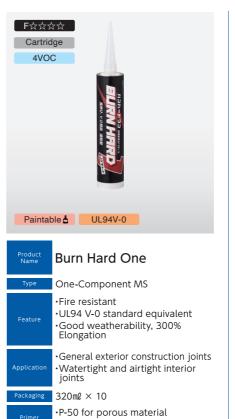
Silver Staitn Color Bronze











•P-32 for non-porous material

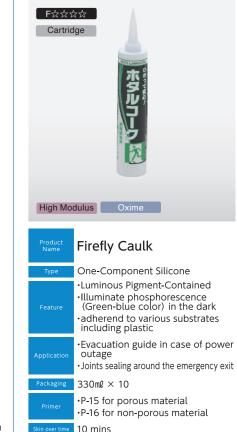
ne 25 mins

White

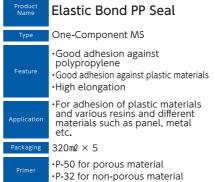


F☆☆☆☆

15g







90 mins







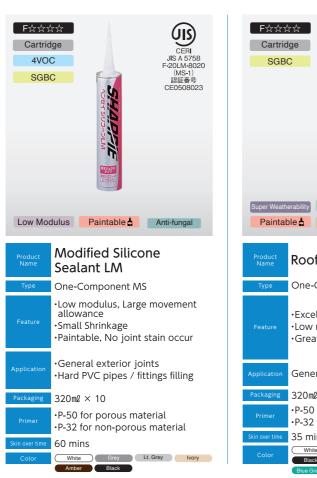
Phosphorescence color in dark.

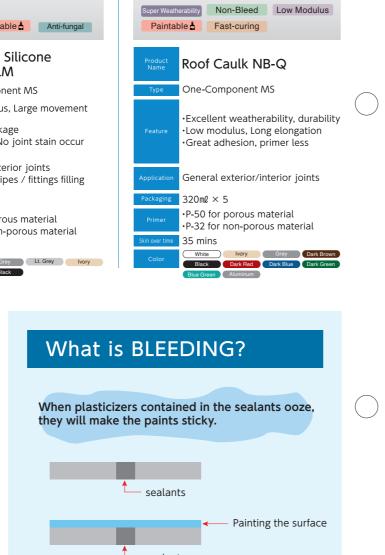
Product Name	Sharpie Interior Seal					
Туре	One-Component MS					
Feature	Middle modulus     Good Antifungal ability     Tacky-less surface					
Application	<ul><li>watertight and airtight Interior joints</li><li>Sealing and bonding for interior parts</li></ul>					
Packaging	320ml × 10					
Primer	<ul><li>•P-50 for porous material</li><li>•P-32 for non-porous material</li></ul>					
Skin over time	40 mins					
Color	White Grey Ivory Brown					

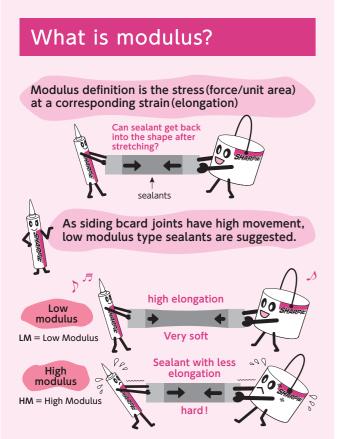
 $\mathbf{3}$ 

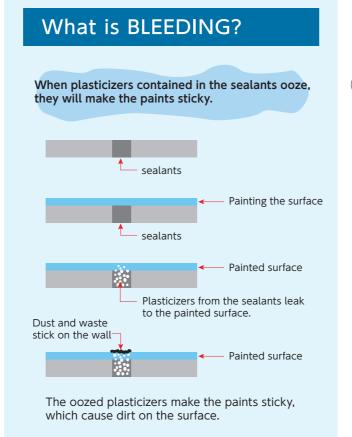
#### ONE COMPONENT PU / SILICONE / OTHERS

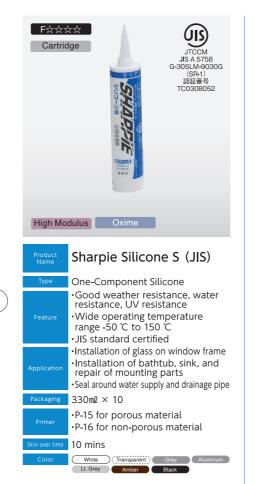


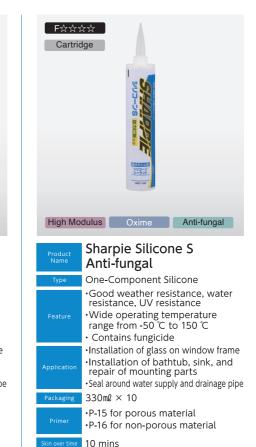


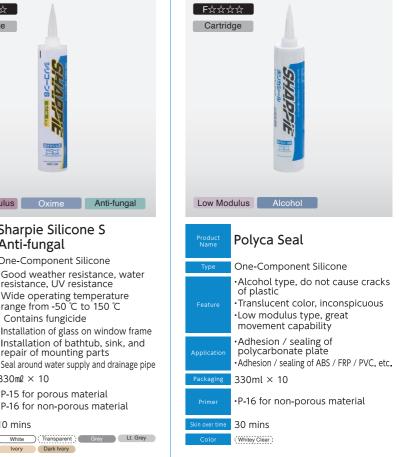
















Grey White



Ivory Dark Ivory





Product Name	DGS Epoflex EF-M
Туре	One-Component MS With Epoxy Resi
Feature	<ul> <li>New method for crack repairing No V/U-cut needed!</li> <li>High cohesion and elastic property, prevent crack after repair</li> <li>Paintable. Non-bleed type</li> </ul>
Application	<ul> <li>Injection-Repair of concrete crack</li> <li>Crack Repair, adhesion of brittle materials</li> </ul>
Packaging	300mℓ × 10
Primer	
Skin over time	60 mins

#### **ELASTIC BOND**



·Good workability at low

•P-50 for porous material

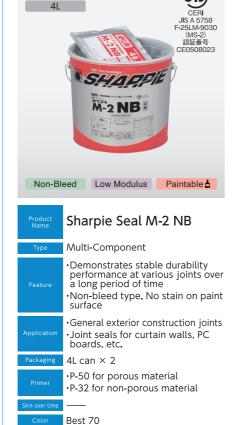
•P-32 for non-porous material

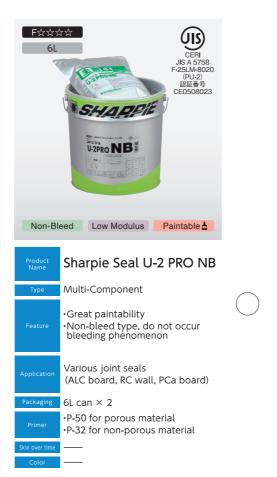
boards, etc.

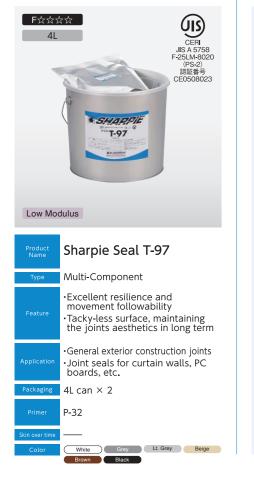
 $4L can \times 2$ 

General exterior construction joints

·Joint seals for curtain walls, PC



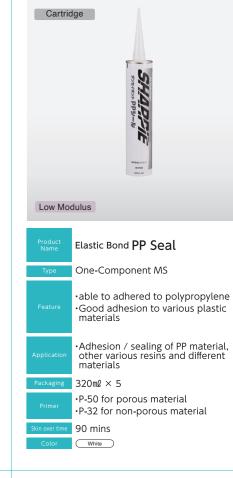




How to calculate the required amount of Sealant based on Joint size **1** Calculate the volume of joints Volume: Total usage (ml) = Joint width (mm)  $\times$  joint depth (mm)  $\times$  joint length (m) \* The unit of joint length is in meter (m). **2**Calculate the required quantity of sealant. Required quantity of cartridges (pc) = Total usage ( $m\ell$ ) ÷ (Product volume ( $m\ell$ ) × Loss rate) # Assume 20% loss rate =  $\times$  0.8







F☆☆☆☆

Cartridge





White Lt. Grey



Metal-free Bond

One-Component MS

catalyst

catalysts

320mℓ × 5

30 mins

·Do not contain heavy metal

Fields where environmental

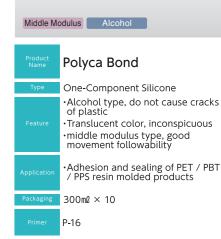
measures are required for heavy metal catalysts such as tin

•Environmentally friendly

•P-50 for porous material

•P-32 for non-porous material

·Human body friendly

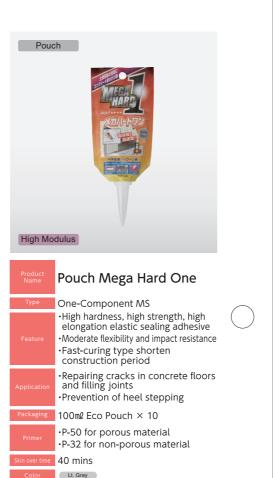


10 mins

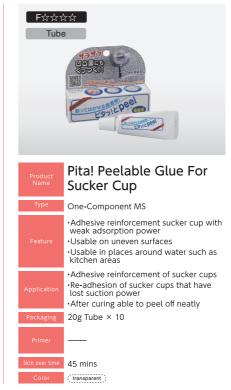




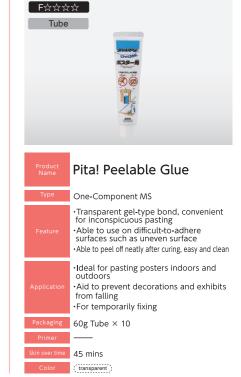
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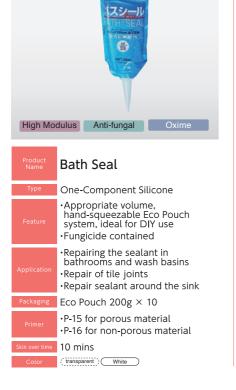
EASY APPLICABLE WATERPROOF COATING MATERIAL

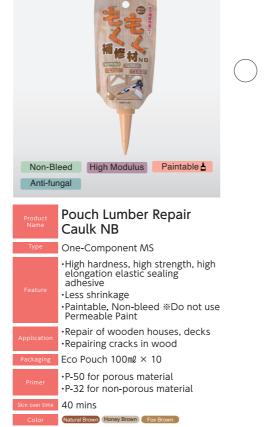






10 mins



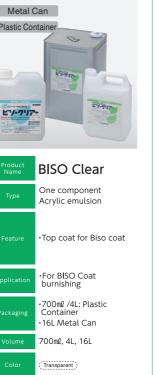


Pouch





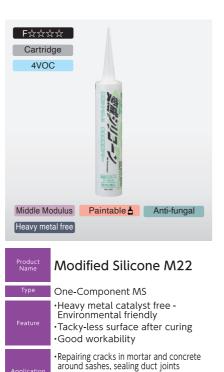
3kg, 18kg





#### SEALANT FOR AUTOMOBILE REPAIR



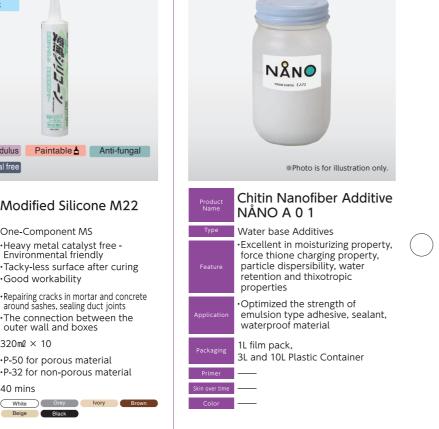


outer wall and boxes

•P-50 for porous material

Packaging 320mℓ × 10

Cartridge



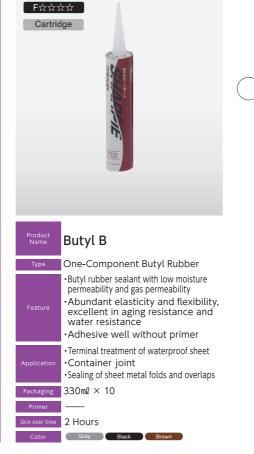
Drum

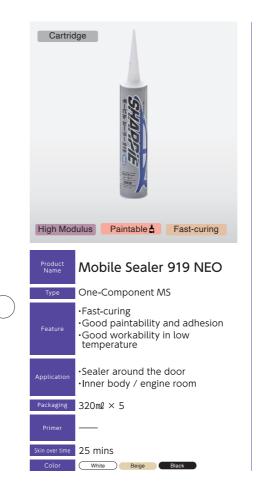


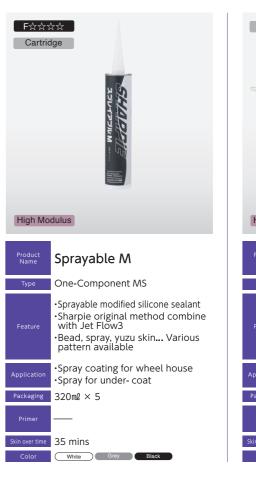


White Grey Lt. Grey Beige

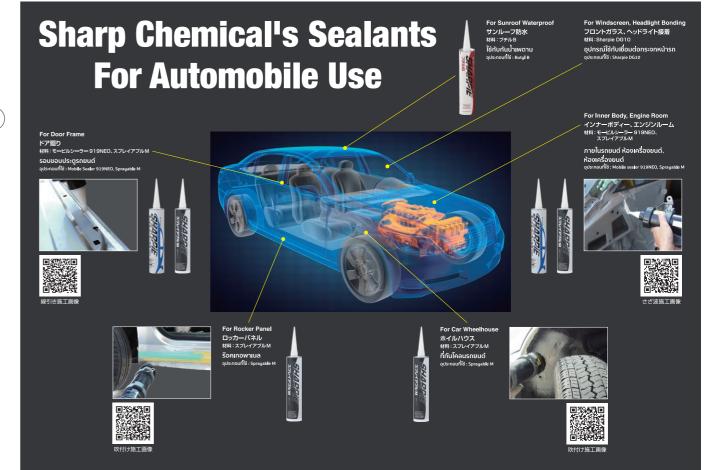












## NÅNO CONTAINING FUNCTIONAL PAINT



Functional Interior Paint Chitosan 8

·Formaldehyde Removal Property ·Anti-fungal Property Deodorant property

·Outstanding anti-fungal property Moisture conditioning

Package 1kg / 3kg / 15kg Bale



#### Excellent hardness, heat resistance, weather resistance, chemical resistance, abrasion resistance, and stain resistance. Reduce of stain and deterioration even in harsh environment. The performance retention for over 30 years

Main, Hardener, Thinner

#### PRIMER • BINDER FOR PAINT



P-50 for Porous material

on For MS, PU Material



P-15 for Porous material Application For Silicone Material



Barrier primer AF-26 For preventing bleed phenomenon



P-32 for Non-porous material Application For MS, PU Material



P-16 for Non-porous Material For Silicone Material



Silicone Cover NB Application Painting binder for silicone sealant \*Item details, please refer to P4.

### Performance Support List

Product name	Product Code	Posted Page	Modulus Type	Weatherability	Paintability	Heat and cold resistance			
Paintable Acrylic	ACC1-01	P.6	Low	Good	Good	-20 to 50 ℃			
Butyl B	BRC 1-01	P.11	-	Poor	Fair	-20 to 50 ℃			
DGS Epoflex EF-M	MEC 1-01	P.6	High	Fair*1	Excellent	-30 to 90 ℃			
Modified Silicone Sealant M	MSC1-01	P.5	High	Good	Good	-20 to 90 ℃			
Modified Silicone Sealant LM	MSC1-14	P.5	Low	Good~Excellent	Good	-20 to 90 ℃			
Lumber Repair Caulk NB	MSC1-05	P.3	High	Good	Excellent	-30 to 90 ℃			
Mega Hard One	MSC 1-06	P.3	High	Good	Fair**2	-40 to 90 ℃			
Elastic Bond P-Fix	MSC 1-07	P.8	High	Fair	Good	-30 to 90 ℃			
Elastic Bond MS Plus	MSC1-08	P.8	High	Fair	Fair**2	-30 to 90 ℃			
Mobile Sealer 919 NEO	MSC 1-09	P.12	High	Fair	Good	-30 to 90 ℃			
Detachable Sealant	MSC 1 -12	P.11	Medium	Poor	Good	-20 to 80 ℃			
Sprayable M	MSC 1 -19	P.12	High	Fair	Good	-30 to 90 ℃			
Roof Caulk NB-Q	MSC 1 -20	P.5	Low	Excellent	Excellent	-50 to 150 ℃*3			
Sharpie Interior Seal	MS1 -22 I	P.4	Medium	Poor	Good	-20 to 90 ℃			
Sharpie Modified Silicone M22	MS1-22C	P.11	Medium	Good	Good	-20 to 90 ℃			
Sharpie MS 9030-NB	MS1 -28C	P.4	Low	Excellent	Excellent	-50 to 150 ℃*3			
Metal Free Bond	MSC 1 -23	P.3	High	Good	Good	-30 to 90 ℃			
See Through M-NB	MSC 1 -26	P.3	High	Good	Excellent	-20 to 90 ℃			
Sharpie Seal for Steel Structure	MSC 1 -27	P.11	Low	Good~Excellent	Excellent	-20 to 90 ℃			
MS Metallic M	MSC 1 -38	P.3	High	Good	Excellent	-20 to 90 ℃			
Elastic Bond PP Seal	MSC 1 -43	P.4	Low	Good	Fair	-30 to 50 ℃			
Silicone Cover NB	MSC 1 -53	P.4	High	Fair	Excellent	-40 to 90 ℃			
Burn Hard One	MSC1-59	P.4	Medium	Good	Good	-20 to 90 ℃			
Pita! Peelable Glue For Sucker Cup	MSE 1 -32	P.10	Medium	Fair	Good	-20 to 80 ℃			
Pita! Peelable Glue	MSE 1 -33	P.10	Medium	Fair	Good	-20 to 80 ℃			
Sharpie Seal M-2	MSK2 -17	P.7	Low	Good	Fair*2	-30 to 90 ℃			
Sharpie Seal M -2 NB	MSK2 -18	P.7	Low	Good	Excellent	-30 to 90 ℃			
Wall Caulking	MSP1 -21	P.10	Low	Good	Good	-20 to 90 ℃			
Peelable Toilet Gap Filler	MSP1 -35	P.9	Medium	-	Good	-20 to 80 ℃			
Pouch Lumber Repair Caulk NB	MSP1 -45	P.9	High	Good	Excellent	-40 to 90 ℃			
Pouch Mega Hard One	MSP1 -46	P.9	High	Good	Fair*2	-40 to 90 ℃			
Weed Stopper Seal	MSP1 -54	P.9	-	Good	Fair*2	-30 to 90 ℃			
Mobile Sealer 919 NEO Tube	MST 1 -41	P.12	High	Fair	Good	-30 to 90 ℃			
Sharpie Seal T-97	PSK2-01	P.7	Low	Excellent	Fair*2	-20 to 80 ℃			
Tank Seal	PSK2-02	P.11	Low	Excellent	Fair*2	-20 to 80 ℃			
Urethane PRO	PUC 1-01	P.6	Low	Fair*1	Fair*2	-20 to 70 ℃			
Sharpie Seal U-2 PRO NB	PUK 2-07	P.7	Low	Good*1	Excellent	-20 to 70 ℃			
Silicone S (JIS)	SRC1-01	P.6	High	Excellent	Poor	-50 to 150 ℃			
Silicone S Antifungal	SRC1-02	P.6	High	Excellent	Poor	-50 to 150 ℃			
	SICT 02								
Polyca Seal	SRC1-05	P.6	Low	Excellent	Poor	-40 to 150 ℃			
Polyca Seal Firefly Caulk		P.6 P.4	Low High	Excellent  Excellent	Poor	-40 to 150 ℃ -50 to 150 ℃			
·	SRC1-05								
Firefly Caulk	SRC1-05 SRC1-06	P.4	High	Excellent	Poor	-50 to 150 ℃			

<sup>\*\*1 (</sup>Weatherability) ···Top coat is required.
\*\*2 (Paintability) ···Before application, make sure to perform a pre-test. Compatibility (Paintability) are not tested for all type of paints.
\*\*3 (Service Tempreture) ···Limit Service Tempresure.