

# SHARP CHEMICAL PRODUCTS LINEUP

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# Innovachemical turn our life to new creative life

Non-stop innovation makes chemical products close to our daily life

Serve those products of great quality to you

It is our significance of our existing to keep providing products those are new around the world.

If we are unable to do so, there will be no meaning for us to exist.

Conventional goods should be sold by other companies.

If other companies copy our products, it means that our new way of innovation life has

been already recognized and will be widely spread to the world.

We would like to spread our wish to change our life by chemical innovation and turn

our life to better one.

Life Change, Life Innovation company **SHARP CHEMICAL**



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**01. Sharpie Multi-Purpose Neutral Silicone S** JIS A 5758 G-30SLM-9030G (SR-1) JSIA F ☆☆☆☆

**Oxime type cure**

**Application**

- To glaze
- To install and repair bathtubs and sinks, and to seal the pipes

**Package**

- Cartridge 330ml 10/cardboard box 2boxes/bale
- SK pouch 330ml 20/cardboard box

**Recommended primer** ●P15(for porous surface) P16(for non-porous surface)

**Color** **code** SRC1-01 **pouch** : SRP1-03

※JIS certified product is packed in cartridges

**02. Sharpie Silicone S Anti-Mold** JIS A 5758 G-30SLM-9030G (SR-1) JSIA F ☆☆☆☆

**Oxime type cure**

**Application**

- To glaze
- To install and repair bathtubs and sinks, and to seal around pipes

**Package**

- Cartridge 330ml 10/cardboard box 2boxes/bale
- SK pouch 330ml 20/cardboard box

**Recommended primer** ●P15(for porous surface) P16(for non-porous surface)

**Color** **code** SRC1-02

※Not effective for all type of mold

**03. Sharpie Polycya Seal** JIS A 5758 G-30SLM-9030G (SR-1) JSIA F ☆☆☆☆

**Alcohol type**

**Application**

- Adhere and seal polycarbonate plates
- Adhere and seal plastics (ABS, Acrylic, Rigid PVC, etc.)

**Package**

- Cartridge 330ml 10/cardboard box 2boxes/bale

**Recommended primer** ●P15(for porous surface) P16(for non-porous surface)

**Color** **code** SRC1-05

**04. Bath Seal** JIS A 5758 G-30SLM-9030G (SR-1) JSIA F ☆☆☆☆

**Oxime type cure**

**Application**

- To repair gaps of bathrooms and washstands.
- To repair joints of tiles and sinks.

**Package**

- SK pouch 200g 10/cardboard box
- 100g 10/cardboard box

**Recommended primer** ●P15(for porous surface) P16(for non-porous surface)

**Color** **code** SRP1-04

**05. Firefly Caulk** JIS A 5758 G-30SLM-9030G (SR-1) JSIA F ☆☆☆☆

**Oxime type cure**

**Application**

- Guidance during blackout, save electricity in corridors and stairs;
- Sealants and evacuation guidance used in subways and public buildings

**Package**

- Cartridge 330ml 10/cardboard box 2boxes/bale

**Recommended primer** ●P15(for porous surface) P16(for non-porous surface)

**Color** Fluorescence blue **code** SRC1-06

**06. Roof Tile Bond** JIS A 5758 G-30SLM-9030G (SR-1) JSIA F ☆☆☆☆

**Gap-filling adhesive**

**Application**

- To adhere and stabilize roof tiles
- To fill in waterproofing materials for the cracks and joints of tiles and other roof materials.

**Package**

- Cartridge 330ml 10/cardboard box 2boxes/bale

**Recommended primer** ●P15(for porous surface) P16(for non-porous surface)

**Color** **code** SRC1-10

**07. Sharpie Modified Silicone M** JIS A 5758 G-30SLM-9030G (SR-1) JAIA F ☆☆☆☆

**High modulus type**

**Application**

- To repair cracks of window sash surroundings, mortar, or concrete
- To seal the joints of ducts, and to install exterior walls and boxes

**Package**

- Cartridge 320ml 10/cardboard box 2boxes/bale
- SK pouch 330ml 20/cardboard box

**Recommended primer** ●P50(P32)

**Color** **code** MSC1-01 **pouch** : MSP1-02

**08. Sharpie Modified Silicone NB-LM** JIS A 5758 F-12.5E-8020 (MS-1) JSIA F ☆☆☆☆

**Low modulus non-bleed type**

**Application**

- Siding and/or ALC joints to be painted for new construction and renovation.
- Points for various kinds of boards. Cracks and joints of exterior walls and interior designs.

**Package**

- Cartridge 320ml 10/cardboard box 2boxes/bale

**Recommended primer** ●P50(P32)

**Color** [Tomoirosekou] About 50 colors available **code** MSC1-03

**09. Sharpie Paintable Modified Silicone** JIS A 5758 F-12.5E-8020 (MS-1) JAIA F ☆☆☆☆

**Mid modulus nonbleed type**

**Application**

- ALC, siding and board joints to be painted
- Repair cracks of new construction, exterior walls and indoor designs

**Package**

- Cartridge 320ml 10/cardboard box 2boxes/bale

**Recommended primer** ●P50(P32)

**Color** **code** MSC1-04

**10. Exterior Wall Caulking** JIS A 5758 F-12.5E-8020 (MS-1) JAIA F ☆☆☆☆

**Low modulus type**

**Application**

- To repair cracks of exterior walls.
- To repair joints of siding boards.

**Package**

- SK pouch 200ml 20/cardboard box

**Recommended primer** ●P50(P32)

**Color** **code** MSP1-21

**11. Sharpie Paintable Asi NB** JIS A 5758 F-12.5E-8020 (MS-1) JAIA F ☆☆☆☆

**Low modulus non-bleed type Acrylic silicone type**

**Application**

- To repair cracks of window sash surroundings, mortar, or concrete,;
- To seal the joints of ducts; To install exterior walls and boxes.

**Package**

- Cartridge 320ml 10/cardboard box 2boxes/bale

**Recommended primer** ●P50(P32)

**Color** **code** ASC1-01

**What is modulus?**

Can sealant get back into the shape after stretching?

**Low modulus** LM = Low Modulus **Very soft** # high elongation

As siding joints have high movement, low modulus type sealants are suggested.

**High modulus** HM = High Modulus **hard!** Sealant with less elongation

Modulus definition is the stress (force/unit area) at a corresponding strain (elongation)

No worry because of shining

**Firefly Caulk**

Evacuation guide luminescence sealant

When disaster happens, it will guide you to safe places

**UV radiation test by weather meter**

luminescence type (Conventional)	Firefly Caulk

Even if cracks occur on the paint on joints, [Tomoirosekou]<sup>®</sup> (apply sealant with same color as paint!) prevent from noticeable appearance.

Conventional application	[Tomoirosekou] <sup>®</sup>



**12. Sharpie Butyl B** JSIA F ☆☆☆☆

**Solvent release cure type** **Butyl rubber type**

**Application**

- Fixing of 2x4 panels for housing and edge of waterproof tarpaulin.
- Sealing the joints of containers and overlapped parts of metals.

**Package** ● Cartridge 330ml 10/cardboard box 2boxes/bale

**Color** **code** BRC1-01

**14. Sharpie Paintable Acryl** JSIA F ☆☆☆☆

**Water release cure type** **アクリル系**

**Application**

- To repair the cracks and joints of ALC and PC boards
- To repair joints of pillar and wall

**Package** ● Cartridge 330ml 10/cardboard box 2boxes/bale

**Recommended primer** ● P12

**Color** **code** ACC1-01

**16. Sharpie Paintable Urethane** JSIA F ☆☆☆☆

**Mid modulus nonbleed type** **Polyurethane type**

**Application**

- Sealing prefab joints, window frames,
- Pca, ALC board and panel joints.

**Package** ● Cartridge 320ml 10/cardboard box 2boxes/bale

**Recommended primer** ● P50 (P32)

**Color** **code** PUC1-02

**13. Sharpie Oil Based P** JSIA F ☆☆☆☆

**Mastic type** **Oil based type**

**Application**

- Mastic type
- Fill in the gaps to ensure indoor airtight, repair the cracks of exterior walls

**Package**

- Cartridge 330ml 10/cardboard box 2boxes/bale
- SK pouch 330ml 20/cardboard box
- Tube 700ml 20/cardboard box

**Color** **code** OPC1-01 pouch:OPP1-02 tube:OPE1-03

**15. Sharpie Urethane PRO** JAIA F ☆☆☆☆

**Moisture cure type** **Polyurethane type**

**Application**

- Seal prefab joints, window frames,
- PCA, ALC board and panel joints.

**Package** ● Cartridge 320ml, 10/cardboard box 2boxes/bale

**Recommended primer** ● P50 (P32)

**Color** **code** PUC1-01

**17. Sharpie Waterproof Quick TXFree**

**Moisture cure type** **Polyurethane type**

**Application** ● Sealing edge of waterproofing materials.

**Package** ● Cartridge 310ml 10/cardboard box 2boxes/bale

**Recommended primer** ● P50 (P32)

**Color** **code** PUC1-04

**18. Sharpie Seal LM-1 Multi Color** JSIA F ☆☆☆☆

**Moisture cure type**

**Application** ● Fill cracks and joints of exterior wall sidings (ceramic sidings, ALC boards, PC boards)

**Package** ● 4L can \*2cans/cardboard box

**Recommended primer** ● P50 (P32)

**Color** About 400 colors toners corresponding to siding **code** MSK1-15

**20. Sharpie Seal LM-1 NB** JSIA F ☆☆☆☆

**Moisture cure non-bleed type**

**Application** ● Fill cracks and joints of exterior wall sidings (ceramic sidings, ALC boards, PC boards)

**Package** ● 4L can \*2 cans/cardboard box

**Recommended primer** ● P50 (P32)

**Color** [Tomoiroskou]® Ca. 50 colors corresponding to Best 50 **code** MSK1-16

**22. Sharpie Seal U-2NB** JSIA F ☆☆☆☆

**Reaction cure non-bleed type** **Polyurethane type**

**Application** ● For joints of ALC, PC, RC board

**Package** ● 4L can one set (base&hardener)\*2cans/cardboard box

**Recommended primer** ● P50 (P32)

**Color** [Tomoiroskou]® Ca. 50 colors corresponding to Best 50 **code** PUK2-03

**19. Sharpie Seal M-2** JSIA F ☆☆☆☆

**Reaction cure**

**Application** ● Joints of curtain walls and general construction materials, such as PC boards

**Package** ● 4L can one set (base&hardener)\*2 cans/cardboard box

**Recommended primer** ● P50 (P32)

**Color** About 50 colors corresponding to BEST 50 **code** MSK2-17

**21. Sharpie Seal M-2 NB** JSIA F ☆☆☆☆

**Reaction cure non-bleed type**

**Application** ● For joints of seam and PC board

**Package** ● 4L can one set (Base & hardener) \*2cans/cardboard box

**Recommended primer** ● P50 (P32)

**Color** [Tomoiroskou]® Ca. 50 colors corresponding to Best 50 **code** MSK2-18

**23. Sharpie Seal T-97** JSIA F ☆☆☆☆

**Reaction cure** **Polysulfide type**

**Application** ● For joints of PC board, and parapet wall siding

**Package** ● 4L can one set (base&hardener)\*2cans/cardboard box

**Recommended primer** ● P32

**Color** Ca. 400 colors available by mixing color packs **code** PSK2-01

## Comparison of bleeding effect

The right picture is an example about staining of coating on sealant joint because of bleeding. Non-bleed products can keep valuable buildings beautiful for a long time



## BEST50 color pack

Advantage of the standard color samples

1. Those colors are carefully selected from popular colors of siding boards and coatings.
2. For your convenience, we mark all colors and this can also reduce losses because of deliver miss and correspond to overseas standards.
3. Covering most of color and easy to select.
4. Portable!



## Ca. 400 color packs

- Color pack system  
For the application of LM-1, T-97 and M-2, the color packs are added and mixed afterwards. Just preparation of the corresponding color pack leads to matching the color of siding board.
- Reduce stock place and inventory  
You can reduce stock place and inventory substantially since it is easy to adjust color just by mixing those target "color pack".





24. Elastic Bond Mega Hard 1



25. Elastic Bond MS Plus



26. Elastic Bond P Fix



27. Sharpie Modified Transparent M



28. Sharpie Mobile Sealer 919



29. Lumber Repair Caulk NB



30. Railroad Tie Repair Sealant



31. Peelable Sealant

**Moisture cure type**

**24. Elastic Bond Mega Hard 1** JAIA F ☆☆☆☆

Application ●To adhere the land surface and ceramic tile cracks  
●To fill in the joints of floors and to prevent breaking from heel steps

Package ●Cartridge 320ml 10/cardboard box 2boxes/bale

Recommended primer ●P50(P32)

Color  MSC1-06

**Moisture cure type**

**25. Elastic Bond MS Plus** JAIA F ☆☆☆☆

Application ●To adhere stones and panels

Package ●Cartridge 320ml 10/cardboard box 2boxes/bale

Recommended primer ●P50(P32)

Color  MSC1-08

**Moisture cure type**

**28. Sharpie Mobile Sealer 919**

Application ●To seal around doors and hatches  
●To adhere metal sheets

Package ●Cartridge 320ml 10/cardboard box 2boxes/bale

Recommended primer ●P50(P32)

Color  MSC1-09

**Moisture cure type**

**29. Lumber Repair Caulk NB**

Application ●To repair log houses or wood decks

Package ●Cartridge 320ml 5/cardboard box 2boxes/bale

Recommended primer ●P50(P32)

Color  MSC1-05

**Moisture cure type**

**26. Elastic Bond P Fix** JAIA F ☆☆☆☆

Application ●To seal decorative panels

Package ●Cartridge 320ml 10/cardboard box 2boxes/bale

Recommended primer ●P50(P32)

Color  MSC1-07

**Moisture cure type**

**27. Sharpie Modified Transparent M** JSIA F ☆☆☆☆

Application ●To seal switch boxes onto the walls.  
●Around louver

Package ●Cartridge 320ml 10/cardboard box 2boxes/bale

Recommended primer ●P50(P32)

Color  MSC1-11

**Moisture cure type**

**30. Railroad Tie Repair Sealant**

Application ●To repair sleeper etc  
●To repair joints of platform and concrete surfaces

Package ●Cartridge 320ml 10/cardboard box 2boxes/bale

Recommended primer ●P50(P32)

Color  MSC1-10

**Moisture cure type**

**31. Peelable Sealant**

Application ●To fix, seal, skid or prevent of contamination

Package ●Cartridge 320ml 10/cardboard box 2boxes/bale

Recommended primer \_\_\_\_\_

Color  MSC1-12

**Sharpie Modified Transparent M**

This high transparency can make the application to keep original textures of substates.

Compared to translucent silicone, transparency of our Transparent Sealant M is much different and clear.

Transparent M Transparent

▲ Silicone type sealant transparent

**Lumber Repair Caulk NB**

Almost no shrinkage

High hardness

Lumber Repair Caulk NB Conventional type B

Lumber Repair Caulk NB Conventional type A

Non-volatile95% Non-volatile80%

hardnessA50 hardnessA9

Compared with Acrylic series, there will be little shrinkage after curing, hence surfaces can be finished with smoothly

Because it will become hard rubber after hardening, please use in people's walking floor surfaces

Biso Water-Based Primer



32. Biso Coat



33. Biso Transparent



38. Easiflow HD Lite



42. Electraflow



39. Powerflow



43. Jetflow3



40. Midflow combi



44. Airflow3



41. Pouch Pro Gun



45. Ultraflow



Waterproof coating material Water-borne acrylic emulsion

### 32. Biso Coat

Application ●To modify and waterproof balconies, roofs and wall surfaces

Package ●18kg can  
●Polyethylene containers 3kg\*4/cardboard boxColor  code ACK1-03

Top coat material Water-borne acrylic emulsion

### 33. Biso Transparent

Application ●Mat coating for Biso Coat

Package ●16L can  
●Polyethylene containers 4L and 0.7LColor  code ACK1-04

#### Note for selecting primer

Please use Biso Water-based Primer (main raw material is Acrylic emulsion). But please use P-11 solvent type (solvent base) in the case of repellent surface like metal, coatings, etc.

#### Standard application quantity&drying time

Item	type	standard application amount	drying time
Biso Water-Based Primer	Water	·Porous surface (ex.Concrete) 150~200g/m <sup>2</sup>	More than 30min above (20°C) after Surface skinning and dry
Solvent based primer P-11	Solvent	·Non-porous surface (ex.Metal) 100~150g/m <sup>2</sup>	

Natural rubber/ Synthetic resins

### 34. Sharpie Bond No.221

Application ●To seal and fix leather and vinyl leather products such as satchels

Package ●18L can (Thick type, Thin type)

Natural rubber/ Synthetic resins

### 35. Sharpie Bond No.225

Application ●To adhere saddles, satchels and bags  
●To seal silvery leather surfaces

Package ●Bucket 18L (Thick type, Thin type)

Natural rubber/ Synthetic resins

### 36. Sharpie Bond No.250

Application ●To seal saddles, satchels and bags.  
●To seal the heels of leather shoes or strengthen the adhesion.

Package ●18L can (Thick type, Thin type)

Natural rubber/ Synthetic resins

### 37. Sharpie Bond No.215W

Application ●To adhere the heels of leather shoes, saddles and satchels

Package ●18L can (Thick type, Thin type)

### 38. Easiflow HD Lite

Application ●For cartridges (quick release and replace )

Package ●12 pieces /cardboard box

code CGE0-01

### 39. Powerflow

Application ●For cartridges (quick release and replace)

Package ●10 pieces /cardboard box

code CGE0-02

### 40. Midflow combi

Application ●For SK pouch

Package ●10 pieces /cardboard box

code CGE0-09

### 41. Pouch Pro Gun

Application ●For SK pouch (reinforced plastics)

Package ●5 pieces /cardboard box

code CGE0-04

### 42. Electraflow

Application ●Battery series applicator  
●For both SK pouch and cartridge

Package ●1 (Accessories: one battery, one charger)

code CGE0-05

### 43. Jetflow3

Application ●For bead and spray application  
●Air pressure caulking  
●For both cartridge and SK pouch application

Package ●1 (Accessories: 5 dedicated outer nozzles and 5 inner nozzles )

code CGE0-07

### 44. Airflow3

Application ●Air pressure caulking  
●For both SK pouch and cartridge

Package ●1 piece

code CGE0-08

### 45. Ultraflow

Application ●For cartridge  
●Easy application even with high viscous materials  
●Anti-drop holder for cartridges

Package ●1 piece

code CGE0-06



The original

#### About PC-COX company

Their head quarter and factory locates in England.  
One of the biggest caulking applicator manufacture whose 85% of products are sold to overseas Founding year:1958  
Founder:Patrio C., COX  
ISO:9001:2008  
The founder was the inventor who started developing and producing caulking applicator mechanism





## Primer list

item	characteristics	standard application amount	packaging amount	Working period
P-11	main solvent toluene	metal 8m <sup>2</sup> /kg, others 6m <sup>2</sup> /kg	0.8kg, 3.5kg, 15kg	30
P-12	acrylic emulsion	800m	4kg	40
P-15	used for porous	90m	300ml	60
P-16	used for non-porous	160m	300ml	30
P-32	non-yellowing type, toluene·xylene	metal 120m, others 90m	500g	30
P-50	non-yellowing type, high viscosity, toluene·xylene)	metal 120m, others 70m	500g	30
		metal 36m, others 21m	150g	
Biso-water base primer	Acrylic emulsion·colorless	6m <sup>2</sup> /kg	1kg, 4kg, 15kg	40

\*Standard application amount for P-11 and Biso-water based primer refers to coating area per kg, and for others refers to application length by corresponding package for 10mm\*10mm joints.

## Table for selecting right sealants at right place (Building)

Joint type	Application method, parts, materials		Can type	One components	
Working joints	Exterior panel	ALC panel Locking slide method	ALC panel joints, Window frame joints	With coating MSK2-18, PUK2-03, MSK1-16 Without coating MSK2-17, MSK2-18, PSK2-01, MSK1-15	ASC1-01, MSC1-03, MSC1-04, PUC1-02 ASC1-01, MSC1-03
		Coated aluminum panel	Panel joints	MSK2-17, MSK2-18	
		Coated steel panel, enamel steel panel	Panel joints, windows frame joints	MSK2-17, MSK2-18, PSK2-01	
		GRC, Precast cement panel	Panel joints, windows frame joints	With coating MSK2-18, PUK2-03 Without coating MSK2-17, MSK2-18, PSK2-01	ASC1-01, MSC1-03, MSC1-04 ASC1-01, MSC1-03
	Metal fittings	Around glass	Glass		SRC1-01, SRC1-02, SRC1-05
		Around fittings	Flashing, holding plate Joints for fittings	MSK2-17, MSK2-18 MSK2-17, MSK2-18, PSK2-01, MSK1-15, MSK1-16	MSC1-01, ASC1-01, MSC1-03
		Factory seal	Sealant capture	PSK2-01	
	Copping	Metal copping	Copping joints	MSK2-17, MSK2-18	
		Stone copping	Copping joints	MSK2-17, MSK2-18, PSK2-01	
		PCa copping	Copping joints		
Non-working joints	Concrete wall	RC wall, PCa wall	Successive joints, crack induced joints, joints around window frame	With coating MSK2-18, PUK2-03, MSK1-16 Without coating MSK2-17, MSK2-18, PSK2-01, MSK1-15, MSK1-16	ASC1-01, MSC1-03, MSC1-04, PUC1-02 ASC1-01, MSC1-03
		Stone pitching (wet) (including stone placing PCa, stone joints)	Stone joints (caution: staining) Joints around window frame	PSK2-01 MSK2-17, MSK2-18, PSK2-01, MSK1-15, MSK1-16	MSC1-01, MSC1-11, MSC1-06 MSC1-01, ASC1-01, MSC1-03
	Tile pitching (including tile placing PCa)	Tile joints			
		Main frame joints under tiles Joints around window frame	PUK2-03, MSK2-17, MSK2-18, PSK2-01 MSK2-17, MSK2-18, PSK2-01, MSK1-15, MSK1-16	PUC1-01, PUC1-02, PUC1-04 MSC1-01, ASC1-01, MSC1-03	
	Besides exterior wall	Roof and balcony	Terminal seal for waterproof seal		PUC1-01, PUC1-02, PUC1-04, MSC1-01, ASC1-01, MSC1-03, MSC1-04, BRC1-01
Roof tile fitting (protection for typhoon)				SRC1-10	
Hemming and seaming seal for metal roof				SRC1-10, SRC1-01, SRC1-02, ASC1-01, MSC1-03	
Plumping		Bath room, bath tub (where warm water use)			SRC1-02, SRP1-04
		Kitchen cabinet			
		Washbasin			
Equipment		Exhaust, plumping (including sleeves)	With coating	PUK2-03, MSK1-16, MSK2-18	PUC1-02, ASC1-01, MSC1-03, MSC1-04, MSC1-11
			Without coating	MSK2-17, MSK2-18, PSK2-01, MSK1-15, MSK1-16	ASC1-01, MSC1-03, MSC1-11
		around support rods of balustrade	With coating	PUK2-03, MSK1-16, MSK2-18	PUC1-02, ASC1-01, MSC1-03, MSC1-04
			Without coating	MSK2-17, MSK2-18, PSK2-01, MSK1-15, MSK1-16	MSC1-01, ASC1-01, MSC1-03, MSC1-11
around theft hatch	With coating	PUK2-03, MSK1-16, MSK2-18	PUC1-02, ASC1-01, MSC1-03, MSC1-04		
	Without coating	MSK2-17, MSK2-18, PSK2-01, MSK1-15, MSK1-16	MSC1-01, ASC1-01, MSC1-03, MSC1-11		
Others	Polycarbonate plate			SRC1-05	
	Interior stone joints (caution: staining)	PSK2-01		MSC1-01, MSC1-11, MSC1-06, MSC1-04	

## Table for selecting right sealants at right place (House renovation)

Application method, parts, materials			Can type	One components
Exterior panel	Ceramic siding board	Panel joints, window frame joints	With coating MSK1-16 Without coating MSK1-15 MSK1-16 PSK2-01	ASC1-01, MSC1-03, MSC1-04 ASC1-01 MSC1-03
		Panel joints, window frame joints	With coating MSK1-16 Without coating MSK1-15 MSK1-16 PSK2-01	ASC1-01, MSC1-03, MSC1-04 ASC1-01 MSC1-03
	ALC panel	Panel joints, Window flame joints	With coating PUK2-03 MSK1-16	ASC1-01, MSC1-03, MSC1-04, PUC1-02
		Panel joints	Without coating MSK1-15 MSK1-16 MSK2-17 MSK2-18 PSK2-01	ASC1-01, MSC1-03
Galvanized plate, tin plate Hemming/seaming joints			MSK1-15 MSK1-16	
Concrete wall	RC wall, PCa wall	Copping joints Successive joints, crack induced joints, joints around window flame	With coating PUK2-03 Without coating MSK1-15 MSK1-16 MSK2-17 MSK2-18 PSK2-01	ASC1-01, MSC1-03, MSC1-04, PUC1-02 ASC1-01, MSC1-03
		Crack repair	With coating PUK2-03 Without coating MSK1-15 MSK1-16 MSK2-17 MSK2-18	ASC1-01, MSC1-03, MSC1-04, PUC1-02 MSC1-06 ASC1-01, MSC1-03, MSC1-06
	Wall repair, waterproof coating, wall renovation			ACK1-03
Tile finish (exterior)	Wall tile	Main frame joints under tiles	PUK2-03	PUC1-01 PUC1-04 PUC1-02
		Tile joints	MSK1-15 MSK1-16 MSK2-17 MSK2-18 PSK2-01	ASC1-01, MSC1-03 MSC1-11
		Hook tiles		MSC1-01
Stone finish (exterior)	Stone	Joints between stone (caution staining)	PUK1-03	MSC1-01 MSC1-11 MSC1-06
Sash	Around glass plate	Joints around glass		SRC1-01 SRC1-02 SRC1-05
Metal fitting	Around fittings	Flashing, holding plate	MSK2-17 MSK2-18	ASC1-01, MSC1-03
		Joints around fitting	MSK2-17 MSK2-18 PSK2-01	
Plastic fitting	Around fittings	Joints around PVC sash	MSK1-15, MSK1-16 PSK2-01	MSC1-04 ASC1-01 MSC1-03 MSC1-01
		Waterproof sheet	Surface preparation Terminal seal	MSK1-15 MSK1-16 MSK2-17 MSK2-18 PUK2-03 MSK1-15 MSK1-16
Roof, terrace	Waterproof coating	Surface preparation		PUC1-01 PUC1-04 PUC1-02 ACC1-01
	Roof tile fixing (protection for typhoon)			SRC1-10
	Hemming and seaming seal for metal roof			SRC1-01 ASC1-01 MSC1-03
Equipment	Equipment installed on exterior wall	Around duct and exhaust	With coating MSK1-16 MSK2-18 Without coating MSK1-15	MSC1-04 ASC1-01 MSC1-03 MSC1-11 PUS1-02 ASC1-01 MSC1-03 MSC1-11
		Exterior light, electrical outlet, interphone		MSC1-11 MSC1-01 MSC1-06
		Joints of built-in post and name plate	PSK2-03	
Exterior	Car port	Joints between lighting materials/ wall		SRC1-05
		Screw and umbrella nails		SRC1-01 ASC1-01 MSC1-03
		Joints/cracks of concrete floor		MSC1-06
	Wooden part repair	Railway sleepers		MSC1-05 MSC1-10
		Wooden deck, veranda, lattice, etc.		MSC1-05
Stone joints (caution staining)		PSK2-01	MSC1-01 MSC1-11 MSC1-06	
Glass block	Joints between metal frame and glass block/ expansion joints	PSK2-01	SRC1-01 SRC1-05	
Entrance, back door	Joints of earth floor, exterior step		MSC1-06	
Concrete crack repair	Concrete, mortar, block		MSC1-06 MSC1-01	
Veranda, terrace, balcony	Around support rods	With coating	PUK2-03 MSK1-16	ASC1-01 MSC1-03 MSC1-04 PUC1-02 ACC1-01
		Without coating	MSK1-15	ASC1-01 MSC1-03
	Surface preparation of floor		ACC1-01 PSC1-02 MSC1-04 MSC1-06	
	Repair, waterproof, renovation of floor	ACK1-03		
Joints between lighting materials/ wall			SRC1-05	
	Screw and umbrella nails		SRC1-01 ASC1-01 MSC1-03	
Bath room	Joints of wall		SRC1-02 SRP-04	
	Joints of wall tiles, cracks			
System kitchen	Kitchen panel joints, terminal joints		SRC1-02 MSC1-03 MSC1-07 MSC1-08	
	Joints between kitchen panel and basin			
Lavatory	Joints between basin and wall		SRC1-03 SRC1-04	
	Joint between floor and wall		SRC1-03 MSP1-13 SRC1-06 MSC1-05 ACC1-01 MSC1-03 MSC1-11 MSC1-12	
Terminal seal of wall paper and croth			ACC1-01 MSC1-11 MSC1-12 MSC1-03	
Skirting board and furring strips	Repair adhesives		MSC1-05	
	Terminal joints of cloths		MSP1-13 MSC1-13 MSC1-05 ACC1-01 MSC1-03 MSC1-11 MSC1-12	
	Evacuation guide		SRC1-06 MSC1-12 MSP1-13	
Stone joints (caution staining)		PSK2-01	MSC1-01 MSC1-11 MSC1-06 MSC1-04 MSC1-12 SRC1-01 SRC1-06	
Glass block	Joints between metal frame and glass block/ expansion joints		SRC1-01 SRC1-05 MSC1-11 SRC1-06 MSC1-12	

Table for selecting right sealants at right place

# Properties for all lineups Corresponding performance

Product name	code	Page	Modulus category	Physical properties (after cure)		weatherability	paintability	Tack free time / workable time (23°C)	Fungicide	Nonbleed	temperature	JIS certification	Direction for use
				Elongation at break (%)	Maximum tensile strength (MPa)								
01. Sharpie Multi-Purpose Neutral Silicone S	SRC1-01 pouch : SRP1-03	▶P3	High	450	1.50	◎	×	10min	—	—	-50°C~150°C	G-30SLM-9030G (SR-1)	Must be ventilated. Copper may be corroded.
02. Sharpie Silicone S Anti-Mold	SRC1-02	▶P3	High	400	1.55	◎	×	10min	○	—	-50°C~150°C	—	
03. Sharpie Polyca Seal	SRC1-05	▶P3	Low~Mid	500	0.90	◎	×	30min	—	—	-40°C~150°C	—	Curing is slower than Sharpie silicone S. Curing speed become slower depending on the storage period.
04. Bath Seal	SRP1-04	▶P3	High	400	1.55	◎	×	10min	○	—	-50°C~150°C	—	Use after kneading the package. Open enough size hole inside spout before attaching nozzle.
05. Firefly Caulk	SRC1-06	▶P3	High	250	1.05	◎	×	10min	—	—	-50°C~150°C	—	Luminescence capability different from circumstance.
06. Roof Tile Bond	SRC1-10	▶P3	High	400	1.30	◎	×	20min	—	—	-50°C~150°C	—	Do not apply on all side of tiles
07. Sharpie Modified Silicone M	MSC1-01 pouch : MSP1-02	▶P4	High	400	1.10	○~△	○	60min	○	—	-20°C~90°C	—	Over painted weak solvent base paint may not dry
08. Sharpie Modified Silicone NB-LM	MSC1-03	▶P4	Low	700	0.70	○	◎	60min	○	○	-20°C~90°C	F-12.5E-8020 (MS-1)	May cause staining on stones
09. Sharpie Paintable Modified Silicone	MSC1-04	▶P4	Mid	750	1.75	△	◎	30min	—	○	-20°C~90°C	—	Yellowish just after application, but disappear yellowish color after a certain period.
10. Exterior Wall Caulking	MSP1-21	▶P4	Low	900	1.00	○	○	60min	○	—	-20°C~90°C	—	Use after kneading the package. Open enough size hole inside spout before attaching nozzle. May cause staining on stones
11. Sharpie Paintable Asi NB	ASC1-01	▶P4	Low	700	1.30	◎~○	◎	60min	○	○	-20°C~90°C	—	May cause staining on stones
12. Sharpie Butyl B	BRC1-01	▶P5	—	—	—	×	○	2H	—	—	-20°C~50°C	—	Drying cure type need long period for complete cure. Take care ventilation. Relative large shrinkage after cure.
13. Sharpie Oil Based P	OPC1-01 pouch:OPP1-02 tube:OPE1-03	▶P5	—	—	—	△	○	8H	—	—	-20°C~40°C	—	Mastic type. Only skinning of the surface. Inside does not cure.
14. Sharpie Paintable Acryl	ACC1-01	▶P5	Low	700	0.14	○	◎	60min	—	○	-20°C~50°C	—	Strong rain may wash out this sealant. Relative large shrinkage after cure
15. Sharpie Urethane PRO	PUC1-01	▶P5	Low	1000>	2.00	△	○	8H	—	—	-20°C~70°C	—	Slow curing. Do not apply with silicone and/or MS at the same time.
16. Sharpie Paintable Urethane	PUC1-02	▶P5	Low	1000>	2.20	△	◎	3H	—	○	-20°C~70°C	—	Do not apply with silicone and/or MS at the same time. Not applicable for newly installed ceramic siding.
17. Sharpie Waterproof Quick TXFree	PUC1-04	▶P5	Low	550	0.55	△	○~△	60min	—	—	-20°C~70°C	—	Do not apply with silicone and /or MS at the same time.
18. Sharpie Seal LM-1 Multi Color	MSK1-15	▶P6	Low	650	0.60	○	○~△	Workable time 5H(5°C) 3H(23°C) 2H(35°C)	—	—	-20°C~90°C	F-12.5E-8020 (MS-1)	Primer P-50 must be used
19. Sharpie Seal M-2	MSK2-17	▶P6	Low	800	0.60	○	○~△		—	—	-30°C~90°C	F-25LM-9030 (MS-2)	
20. Sharpie Seal LM-1 NB	MSK1-16	▶P6	Low	700	0.65	○	◎		—	○	-30°C~90°C	F-12.5E-8020 (MS-1)	
21. Sharpie Seal M-2 NB	MSK2-18	▶P6	Low	1000	0.60	○	◎		—	○	-30°C~90°C	F-25LM-9030 (MS-2)	
22. Sharpie Seal U-2NB	PUK2-03	▶P6	Low	800	0.70	△~×	◎		—	○	-20°C~70°C	F-25LM-8020 (PU-2)	
23. Sharpie Seal T-97	PSK2-01	▶P6	Low	650	0.50	○	△~×	—	—	—	-20°C~80°C	F-25LM-8020 (PS-2)	Squeeze out base material from pouch pack, and mix completely. Might cause slight crack on the surface under sever joint movement.
24. Elastic Bond Mega Hard 1	MSC1-06	▶P7	High	350	2.50	○~△	○~△	20min	○	—	-30°C~90°C	—	Comb pattern application is necessary for adhesion between non-moisture permeable substrates otherwise curing is too slow.
25. Elastic Bond Ms Plus	MSC1-08	▶P7	High	400	2.00	○~△	○~△	35min	—	—	-30°C~90°C	—	
26. Elastic Bond P Fix	MSC1-07	▶P7	High	150	1.40	○~△	○~△	20min	—	—	-30°C~90°C	—	
27. Sharpie Modified Transparent M	MSC1-11	▶P7	Mid	250	2.50	△	○~△	30min	—	—	-20°C~80°C	—	Greenish just after application, but disappear after certain period. Applied layer thinner than 1mm must degrade earlier.
28. Sharpie Mobile Sealer 919	MSC1-09	▶P8	High	200	1.85	△	○~△	10min	—	—	-20°C~90°C	—	
29. Lumber Repair Caulk NB	MSC1-05	▶P8	High	300	2.00	○	◎	20min	○	○	-20°C~90°C	—	Thin applied layer thinner than 1mm must degrade earlier.
30. Railroad Tie Repair Sealant	MSC1-10	▶P8	High	350	2.50	○~△	○~△	15min	○	—	-20°C~90°C	—	
31. Peelable Sealant	MSC1-12	▶P8	Mid	400	1.90	△	◎	45min	—	—	-20°C~90°C	—	Difficult to peel off from porous surface. May remain visible where applied.

one component type silicone sealant  
Can packed sealant

one component type modified silicone sealant  
Special modified elastic adhesive

one component type urethane, butyl, acrylic sealant

◎ superior ○ excellent △ fair × not suitable — not applicable

※Modified Silicone type may not cure if the applied layer thickness is less than 1mm (Thin layer non-cure phenomena).  
※When modified silicone type need to be used for surface preparation of urethane membrane waterproof layer application, please apply urethane waterproof material after enough cure of modified silicone.

Properties for all lineups Corresponding performance

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