

# Product name SHARPIE Mobile Sealer 919NEO

MS919 NEO is one part moisture curing type sealant/adhesive for automobile application. MS919 cure fast and cured elastic rubber shows almost the same hardness as of the applied sealer for new cars. One can reduce the interval to the next process because of the quick curing speed. Excellent workability at low temperature due to the temperature dependence of viscosity (vs PU)

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## ■Advantages

- ◇ Rapid curing  
Shorten your work period
- ◇ Optimum hardness  
similar to original sealer
- ◇ Excellent workability  
Super light extrudability  
and smoothly finishing
- ◇ Less shrinkage after curing

## ■Application

- Seal around vehicle doors and hatches
- Adhere metal sheets
- Joints of container steel plate

## ■Characterization

### • General

Product name:	SHARPIE Mobile Sealer 919
Product code	MSC1-09
Main component:	MS polymer
Class(JIS)	—
Consistency:	Paste
Storage	18Months
Viscosity(Pa · s)	300~600; 23°C
Application temperature	5°C ~ 35°C
Service temperature	-50°C ~ 90°C
Paintability	Good

### • Curing properties

Curing condition	Thickness of skin forming			
	2mm	5mm	10mm	15mm
5°C*50%RH	2	> 6	—	—
23°C*50%RH	1.5	2	6	—
50°C*50%RH	0.5	1	3	6

### • Cured properties(JIS K 6251 Dumbbell-3)

50% tensile stress	(N/mm <sup>2</sup> )	1.00
Maximum tensile stress	(N/mm <sup>2</sup> )	2.00
Elongation at break	(%)	350
Hardness	(shore A)	45

### • Base on JIS A 5758or JIS A 1439

Density (g / ml )		1.40
Tack-free time (min.)	23°C	25
Extrudability (sec.)	23°C	3 ~ 5
Nonvolatile (%)		4



### • Shear Tensile Properties

Cure condition	Item	Test condition	Maximum tensile stress (N/mm <sup>2</sup> )	Failure	
After curing	After heating ( 80°C )	After immersion in water	23°C	1.90	Cohesion failure
			23°C	1.00	Cohesion failure
			23°C	2.40	Cohesion failure

with primer  
P-50  
Substrate :  
Aluminum



## ■Recommend primer

Recommend substrates	Product name	Note
Coated matel, concrete, ALC	SHARPIE Primer P50	Non yellowing aging

## ■How to use

Please operate the product according to following procedure

- |   |  |
|---|--|
| ①.Pre-study and preparation                       | ⑦.Load the sealant into a caulking gun |
| ②.Pre-check                                       | ⑧.Apply                                |
| ③.Seam/surface dust free and dried                | ⑨.Use a spatula to finish the joint.   |
| ④.Setup holder and accessories                    | ⑩.Remove the masking tape              |
| ⑤.Setup the masking tape                          | ⑪.Clear up around                      |
| ⑥.Apply primer (primer tack-off time :30min/20°C) | ⑫.Check the operation                  |

## ■Notice

- The surfaces to be applied must be dry, free of oil, dust, grease and other contaminants.
- Do not apply when it rains or snows.
- Do not apply surfaces with volatile compounds
- Use recommended primer for brittle materials.
- Apply MS919 in the shape like strings or comb pattern.
- Can not cure completely if the substrates both sides are glass, plastic or metal which has no gas permeability
- Apply MS919 with the thickness more than 1mm
- Do not apply on asphalt because of no-adhesion.
- Do not apply on marble and/or glass.
- Temporary joint is necessary before curing. Period for joints can differ from the environment.

## ■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.
- Keep out of reach of children.
- 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.
- Storage in a dark cold place. Keep away from sunshine.
- Construction and Industrial use ONLY
- See SDS for detailed description.

## ■Packaging

### ●Adhesive

SHARPIE Mobile Sealer 919NEO . . . . 320ml cartridge5 /box

◇color : White, Beige

### ●Primer

SHARPIE Primer P-50 . . . . 500g /can

★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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