FIRST- UL94 STANDARD V-0 EQUIVALENT

300% ELOGATION MODIFIED SILICONE

MADE IN JAPAN
日本製

UL94 V-0 EQUIVALENT

Flame-retardant standard UL94 highest V-0 grade equivalent, safe and secure.

SUPER WEATHEABILITY & DURABILITY

Suitable for both exterior & interior joints.

F☆☆☆☆

No formaldehyde emission, human body friendly.

STABLE ADHESION

Good adhesion to various types of substrates.

INNOVATIVE SURFACE

Less tackiness, less dirt pick.
Ideal for exterior joints.

PAINTABLE

Excellent paintability. Most of paints can be applied.

FAST CURING

Tack-free 25 mins. Higher efficiency.

SHARPIE

FIRE RETARDENT
MS SEALANT

BURN HARD ONE

MSC1-59

シャープ化学工業株式会社
SHARP CHEMICAL IND. CO.,LTD.

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APPLICATIONS

- General exterior/interior construction joints that requires flame restardent performance.
- Joints of wall panels/boards/roof materials/ metal panels/ siding boards.
- Watertight and Airtight for interior joints.
- Repair of cracks of mortar/concrete.
- Etc..

PROPERTIES

Appearance:	Paste
Main component:	MS Polymer
Density (g/cm³):	1.50
Viscosity (Pa・s):	450@23℃
Tack Free:	25Mins@23℃
Nonvolatile (%)	97.3%

CURED PROPERITES

JIS K 6251 Dumbbell-3

50% Tensile stress (MPa):	0.35
Maximum tensile stress (MPa):	0.98
Elongation at break:	325%
Hardness (Shore A):	36

UL94 TEST RESULT

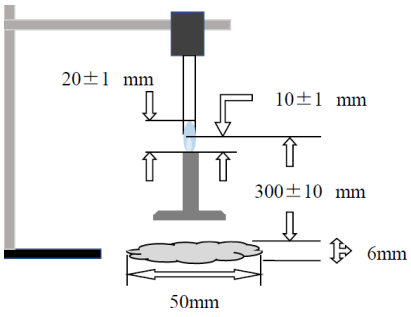
Vertical Burning Test(V)

UL94 6th Ed. (2020-06-27), Sec.8

20 mm Blue Flame

As Received:
Specimens were conditioned in accordance with UL 94 at 23±2°C and 50±10 % relative humidity for a minimum of 48 hours. Once removed from the conditioning chamber, the test specimens shall be tested within 30 min.

After Aging
Specimens were aged in air-circulating oven for 168±2 hours at 70±2°C and then cooled in the desiccator chamber for at least 4 hours at 23±2°C and maximum 20% relative humidity, prior to testing. Once removed from the desiccator chamber, the test specimens shall be tested within 30min.



Sample Name	Desired Flame Class	Test Result		Result
		As Received	After Aging	
Burn Hard 1(MS1-59)	V-0	V-0	V-0	Pass

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