



TECHNICAL LEAFLET

SUNSTAR ENGINEERING INC.

Solvent Free Mastic Adhesive **PENGUIN CEMENT # 1549**

Penguin Cement # 1549 is a synthetic rubber based non-solvent mastic adhesive, which is designed especially for shock absorbing and adhesion between reinforcement panel and outer panel of hood, door panel and trunk lid of automobiles.

a). Characteristics

1. Excellent adhesion and stability to oily steel.
2. Excellent rust prevention.
3. No threading and excellent workability.
4. Excellent shower resistance.
5. Excellent penetration into gap of panels
6. Superior adhesion onto galvanized steel panel

b). Physical Properties

Appearance	: White Paste
Viscosity (20°C)	: 250 x 10 ⁴ cps
Specific Gravity	: 1.38
Non-Volatile Content (%)	: 99 %
Sagging	: 0 mm
Slipping on Oily Surface	: No Slip
Hardness (160°C, 15 min's)	: 1
Elongation	: 220 %
Rust Prevention	: No Rust Observed

c). Test Method

Viscosity	: BS Type No. 7 rotor x 2 rpm
Non-Volatile Content	: 105°C x 3 hrs
Hardness	: JIS-A Hardness
Rust Prevention	: Salt water spray test for 480 hrs

d). Usage

Use high pressure pump and extrude with flow gun.

e). Precautions

1. Keep at cool and dark place
2. In case of skin contact, wash thoroughly with soap and water
3. In case of eye contact, wash out with water for more than 15 mins and immediately get medical care
4. If swallowed, immediately call a doctor

f). Packaging

Drum	250kg
Pail can	25kg
Cartridge	333ml