

MacSoon JS243

product description

JS243 is a one-component, medium viscosity, thixotropic acrylic anaerobic sealant. It cures between metal threaded fasteners by isolating air or in the presence of a catalyst. JS243 is ideal for securing and sealing threaded fasteners that require normal disassembly, preventing loosening and leakage caused by impacts and vibrations, such as in pumps, transmissions, motors, and vehicles. JS243 has excellent curing properties, working effectively on both active metals (such as brass and purple copper) and inert substrates (such as stainless steel and coated surfaces). This product is heat-resistant and oil-resistant. It can tolerate minor surface contaminants, including those from cutting, lubrication, corrosion protection, and oil contamination in liquids

main features

1. The strength is moderate, and the normal disassembly can be carried out with the help of tools
2. The curing speed is fast, 10min initial solidification, 24 hours complete curing
3. It has thixotropy, and the glue is well shaped after application
4. Cold and heat resistant, working temperature range-60~200°C
5. Waterproof and oil resistant, it also has a good locking effect on oily screws, and the repair is faster without cleaning

apply

- 1 . Bolts are used to secure pumps, motor mounts, transmissions and vehicles
- 2 . Screws are used for maintenance of factory machinery
- 3 . Bolts are fastened during assembly of engine, compressor, etc
- 4 . Fixing of threaded fasteners during maintenance or assembly of other equipment

Typical performance

Before curing	
surface	A flowing liquid
pigment	blue
Solidification type	Anaerobic or promoter
Weight 25°C (g/ml)	1.08
Viscosity (25°C,20rpm) cps	2000-3000
Thixotropy (20rpm/2.5rpm)	4.0-5.0

welding	
Initial set time (min) (23°C,50%)	5-10
Fully cured time (h) (23°C,50%)	24

After curing performance	
1h destructive moment-steel bolt (N.m)	≥ 5
24h destructive torque-steel bolt (N.m)	≥ 15
1 hour disassembly torque-steel bolt (N.m)	≥ 2
24h disassembly torque-steel bolt (N.m)	≥ 5
1h shear strength-steel bolt (N/mm ²)	≥ 5
24h pressure shear strength-steel bolt (N/mm ²)	≥ 10

* The test was carried out according to the EVERWELL laboratory test method

* The experimental data is for reference only and cannot be used as technical specifications

definition

The experimental data is for reference only and cannot be used as technical specifications. For specific support, please contact Yantai Estest Silicone Technology Co., LTD.

Operation and safety

In the process of use, it is necessary to adopt appropriate toxicity safety protection measures, and use in a well-ventilated area.

Shelf life and storage

At or below 25°C, the shelf life in the original packaging container is 12 months from the date of production.

matters need attention	preventive measure	emergency treatment
<ol style="list-style-type: none"> For industrial use only The product has not been validated and is not recommended for use in medical and pharmaceutical applications. Do not use this product beyond its application scope, otherwise the user 	<ol style="list-style-type: none"> Use appropriate protective eyes, gas masks and gloves. Use under a proper ventilation system to ensure that harmful gases are effectively discharged. After use, wash your hands and face carefully 	<ol style="list-style-type: none"> Inhalation: Move to fresh air and seek immediate medical attention. Eye contact: Rinse with clean water for at least 15 minutes and seek medical attention immediately. Skin contact: immediately wash with soap and water for at

will bear all the consequences.	and effectively. 4. Keep it out of reach of children 5. Store in a cool, dark and dry place	least 15 minutes, and seek medical treatment immediately. 4. Ingestion: induce vomiting and seek medical attention immediately. 5. refer to MSDS
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