

MacSoon JS272

DESCRIPTION

JS272 is designed for the permanent locking and sealing of threaded fasteners. The product cures when confined in the absence of air between close fitting metal surfaces and prevents loosening and leakage from shock and vibration. Typical applications include the locking and sealing of large bolts and studs (suggested M25 to M36).

KEY FEATURES

- ▶ Simple and easy-to-use; one component system
- ▶ Excellent high strength, need heating to disassembly
- ▶ Also suitable for passive metal substrates(stainless steel, plated surface, etc)
- ▶ High temperature tolerance (-54°C to 232°C)
- ▶ Not sensitive to surface contamination(cutting, lubrication, anti-corrosion and protection fluids)

APPLICATIONS

- ▶ Motor housings, nuts onto studs in pump housings and other fasteners where high strength is required.
- ▶ Other big size thread locking in engineering machinery and construction machinery.

TYPICAL PROPERTY DATA

(JIS K 6249)

BOFORE CURING	
Appearance	Opaque red liquid
Cure Type	Anaerobic
Fluorescence	Negative
Specific Gravity at 25°C (g/ml)	1.10
Viscosity at 25°C (mPas) (Brookfield viscometer, RVT, 4# 20rpm)	4000-11000
Thixotropy ratio (Brookfield viscometer, RVT, 4# 2.5rpm/20rpm)	3.0-4.5

AFTER CURING	
24h Compressive shear strength (Pin-Collar) (N/mm ²)	≥16
24h followed by 72hrs@200°C, tested at RT Compressive shear strength(Pin-Collar) (N/mm ²)	≥22

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24h Break torque (M10 steel bolts-nuts) (Nm)	>=20
24h Prevail torque (M10 steel bolts-nuts) (Nm)	>=20

* Testing is performed in accordance with current Everwell material test methods, laboratory
* Typical property data values should not be use as specifications

SPECIFICATION

Typical product data values should not be used as specification. Assistance and specification are available by contacting Yantai Everwell New Material Technology Co., Ltd

HANDLING AND SAFETY

When solvent is used, proper safety precautions must be considered toxic and must be used only in well-ventilated areas.

USABLE LIFE AND STORAGE

When stored at or below 25°C (77°F) in the original unopened containers, this product has a usable life of 12 months from the date of manufacture.

CAUTION!	HANDLING PRECAUTIONS	FIRST AID MEASURES
1.FOR INDUSTRIAL USE ONLY 2.This product is neither tested nor represented as suitable for medical or pharmaceutical uses. 3.Do not use this product for other than its intended use, or user shall bear responsibility for any problems.	1.Wear suitable protective goggles, respirator and gloves. 2.Use only where an adequate ventilation system is available to exhaust poisonous gases. 3.After handling, wash face and hands very thoroughly. 4.Keep out of reach of children. 5.Store in a cool, dark and dry place.	1.Inhalation: Remove to fresh air and get medical attention immediately. 2.Eye contact: Immediately flush eyes with plenty of water for at least 15minutes.Get medical attention immediately. 3.Skin contact: Immediately flush skin with plenty of soap and water for at least 15minutes. Get medical attention immediately. 4.Ingestion: Induce vomiting and get medical attention immediately. 5.See material safety data sheet.

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