



Product Data Sheet

Ultraseal MX2 Sealant

Ultraseal MX2 is a high performance recycling sealant offering significant environmental benefits when compared to conventional non-recycling sealants. Ultraseal MX2 has gained approvals from most of the major automotive OEMs and many of their first and second tier suppliers.

Ultraseal MX2 has achieved Qualified Product status for the internationally accepted US Military Specification MIL-I-17563C.

General			
APPEARANCE	Clear pale blue/ brown liquid	ODOUR	Mild methacrylate
VISCOSITY <small>20°C Seta Zahn No 1</small>	28 - 30 seconds	S.G. <small>20°C</small>	0.910 - 0.950
FLASH POINT <small>Twin Pack (uncatalysed)</small>	>100°C	GEL TIME <small>0.8% DB42, degassed</small>	90 - 180 seconds
CONTAMINATION TOLERANCE	Good	WASHABILITY	Good
POT LIFE <small>Under normal operating conditions</small>	Indefinite	SHELF LIFE <small>Under normal storage conditions</small>	12 months** 6 months***
TEMPERATURE RANGE* <small>Cured phase</small>	-76 / +200°C	US MIL-I-17563C APPROVED	Yes

Chemical Resistance			
US MIL-I-17563C Test Conditions, Impregnated US MIL Test Rings, Test Pressure 50 psi			
Environment	Time	Temperature	Result
WATER	14 days	100°C	No Leak
OIL	14 days	99°C	No Leak
HYDROCARBON FLUID	14 days	23°C	No Leak
CARBON REMOVAL FLUID	30 minutes	23°C	No Leak
LUBRICATING OIL	48 hours	121°C	No Leak
TURBINE FUEL	48 hours	23°C	No Leak
ETHYLENE GLYCOL	14 days	149°C	No Leak
HYDRAULIC FLUID	14 days	99°C	No Leak
FUEL	48 hours	23°C	No Leak
DIESTER GREASE	48 hours	23°C	No Leak
SULPHURIC ACID (18%)	2 hours	23°C	No Leak
STODDARD SOLVENT	48 hours	23°C	No Leak
ETHYL ALCOHOL	14 days	23°C	No Leak

* Specified conditions

**Twin Pack

***Single Pack

Benefits

- Up to 95% recyclable
- Fast gel time
- Environmentally friendly formulation

Approvals

- US Military Specification MIL-I-17563C
- Chery, Chrysler, Ford, GM, Hyundai, Kia, Mercedes, Nissan, VW

Find out more

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Chemical Resistance

Ultraseal International Test Conditions, Impregnated US MIL Test Rings

Test Pressure 50 psi

Environment	Time	Temperature	Result
ENGINE OIL	14 days	150°C	No Leak
BRAKE FLUID	14 days	150°C	No Leak
ETHYLENE GLYCOL	14 days	150°C	No Leak
HYDRAULIC FLUID	14 days	150°C	No Leak
UNLEADED PETROL	14 days	25°C	No Leak
WATER	14 days	100°C	No Leak
PAG OIL	14 days	150°C	No Leak
R134A REFRIGERANT	6 months	Ambient (-10°C to 35°C)	No Leak

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