



SIDDHI TRADE ENTERPRISE

TECHNICAL DATA SHEET

Rust Preventive Oil Additive – Barium Free (SA 4480)

INTRODUCTION:

SA-4480 is especially over designed blend of film forming material, corrosion inhibitor, and selected oxidized synthetic waxes to enhance the performance in acid atmosphere, salt spray and humidity cabinet. SA-4480 is also blended with an additive which can withstand horizontal water displacement properties and seal the corners and edges of the testing specimen in salt spray & humidity cabinet. It is also blended with special type of wetting agent which will adhere to the parts which it will coat and also help in degreasing easily. SA-4480 is barium free product.

SA-4480 is a specially designed for making solvent based Acid Fumes resistance Rust Preventives along with barium sulphonate.

TYPICAL PROPERTIES:

Appearance	:	Light yellow to honey color Waxy Material
Drop melting point	:	40- 50°C
Acid value	:	10 max
Solubility	:	
20 % Soln in MTO	:	Clear, no separation for 24 hrs

PERFORMANCE:

5 % in MTO, Salt spray performance		24 + hrs
10 % in MTO , Salt spray		135 +hrs
Humidity cabinet		45 days
12.5 % in MTO. Salt spray performance (ASTM B 117)		180 + hrs
Humidity cabinet		75+ days
15% in MTO	salt spray	200 hrs
Humidity cabinet		90+ days
20% in MTO	salt spray	250+hrs

Humidity Cabinet	120+ days
25% in MTO . Salt spray performance (ASTM B117)	350 + hrs
Humidity cabinet	180+ days

ACID FUMES RESISTANCE TEST:

5 % + 0.5 % Ba sulphonate in MTO-	16 + hrs minimum
10%+ 0.5 % Ba sulphonate in MTO	24 + hrs
10 % SA-4480,15 %	16 + HRS
Of 500 sn 0.5 % of barium sulfonate, 0.5 % BC 74.5 % mto	

Condition - 500 ml of 50 % HCl in closed decicator and plates kept on hdp stand.

OIL BASED PRODUCTS:

4 % in 150 SN	Salt spray	8 + hrs
	Humidity cabinet	12 days
4 % in 500 SN	Salt spray	16 hrs
	Humidity cabinet	20 days

Note: Do not Heat above 80°C.

THIS INFORMATION IS FOR GUIDELINES ONLY

On behalf of [Siddhi Trade Enterprise](#), we are pleased to have the opportunity to work with you and we look forward to establishing a solid, mutually beneficial business relationship.

Please feel free to contact us for further details. Assuring you our best services.

SIDDHI TRADE ENTERPRISE

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