

# MAK TCPF

## Description

These are the blends of rust preventive material in a solvent for ease of application. MAK TCPF 54 provides soft and thin film over the metal surface, thereby providing up to 12 months of indoor storage of the surfaces to be protected.

MAK TCPF 60 develops a medium tacky film where as MAK TCPF 62 provides a touch dry film leading to indoor protection of material for a period upto 18 months.

## Application

The product is required for protection of metal parts and assemblies during the manufacture process and when stored indoors.

## Benefits

- Non-staining and are easily applicably by brush, spray or swab
- These are water displaced. This obviates the need for specially drying parts to be protected.

## Performance Level

- TCPF 54 – IS 1154 : 1957
- TCPF 60 – IS 1674 : 1960
- TCPF 62 – IS 1153 : 1975

## Technical Specifications

Characteristics	IS 1448	Typical Figures		
		54	60	62
Appearance	--	Light brown clear fluid	Light brown clear fluid	Light brown clear fluid
K.V at 40° C, cSt	P:25	1.5	2	2
Flash Point, (Abel), °C	P:69	35	37	36
Stability is cyclic temperature change	IS: 1674:1960 appendix C	Passes	Passes	Passes
Film thickness, microns	IS: 1154:2000 appendix A	2.5	4.5	3.5
Copper corrosion @ 100°C for 3 hrs.	P:15	1a	1a	1a

All the mentioned values are typical which may vary from batch to batch.

## Storage and Handling

- Indoor Storage is always preferable
- Barrels should be kept vertically and should be kept away from dusty or heated areas.
- Lid should not be left open and during handling any contact with dust must be avoided

## Health & Safety

This grade is not hazardous under normal conditions of use. For further guidance Material Safety Data Sheet (MSDS) may be referred.

## Advice

For any further advice on applications or otherwise, please contact the nearest Bharat Petroleum territory office or Technical Services department at the address given below.

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