



# POLY FILM M-55

## STAIN INHIBITOR & NEUTRALIZER

**POLY FILM M-55** is used to control RUSTING corrosion, staining and oxidation on metal surfaces. Maintains bright surface finish on cleaned steel. Provides excellent cleaning & neutralizing affect also. IDEAL ON DRY TO TOUCH PHOSPHATE COATINGS.

POLY FILM M-55 can be used on steel. Provides a dry film which is suitable for subsequent processing such as welding, machining or handling in assembly.

POLY FILM M-55 is an alkaline material which is compatible with most process operations. Does not contain nitrite.

## Features & Benefits

- High Solids Liquid. Easily Fed By Automatic Control Systems.
- Biodegradable, non-phosphated.
- Provides Extended Corrosion Protection In Many Different Applications.
- Can Be Used In Recirculation Water Systems, Retort Water, And Rinse Tank.
- Non-oily Film, Dry to the Touch.
- Low Use Cost, Extended Tank and Process Solution Life.

## Typical Processing

1. Pre-process: Example= Wash, Vibratory Clean, Acid Pickle, Etc.
2. Rinse, Rinse, Fresh Water. "Maintain Fresh Rinsing."
3. #m-55 Dip, 2-15% By Volume, Temp= As Available.
4. Dry: Spin, Air Blow-off, Etc. Note: If Following an Acid Cleaning or Coating Bath Maintain Higher Concentrations. Ph 10+. Note: If **High Levels of Acid Ph Rinse Is Used Prior, It Should Be Neutralized to A Ph Of 7.5+ With Neutralizer 56-p or 856-I To Improved Quality and Lower Costs.**

Other Anticorrosion Products: Anticor Pf-151, Corseal 917 Water Displacing Thin Film Corrosion Inhibitor.



## Product Bulletin

Product Name: POLY FILM M-55  
Product Code: 2508911  
Revision Date: January 28, 2026

## Specifications

pH	12
Prod._Type	Liquid
Spec.Grav	1.006
LBS./GAL	8.39
FOAM 0=low 9=high	0
Shelf-life years:	10 Year
Freeze information	Not damaged by freezing

## Packaging

Container Type	POLY Drums
Net Units	460
Tare Wt.	25 LB.
Gross Wt.	485
Dot_Name	UN1760, Corrosive Liquid, N.O.S., (Ethanolamine), 8, PGIII
DOT Hazzard	CORROSIVE
Tariff ID	n/a

## Use parameters

Concentration Range	½-5% By Volume ~
Range	Room Temp Up to 170 Deg. F.
Time Range	Dip
Agitation	Preferred

## Other information

It is important that the **OSHA DATA, "Material Safety Data Sheet"** be carefully read and reviewed with the users of this product. OSHA data is required to be posted in the work area by law.

## Waste Disposal

SEE LOCAL REQUIREMENTS. REMOVE OILS OR GREASE.  
NEUTRALIZE PH IF NEEDED.

## Holding Tank Materials of Construction

Steel, Stainless or Poly.



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# Testing, Operating & trouble Shooting Data

Maintain A Ph > 10 Using M-55

### Titration

1. Transfer A 10 MI Sample into Test Bottle
2. Add 5-10 Drops Bromcresol Purple Indicator
3. Solution Turns Purple Upon Addition Of Indicator
4. Titrate With 1.0 N Acid Until Yellow Endpoint Achieved Record the Number of MIs Required To Reach Endpoint
5. Multiply The Number of MIs by A Factor of 1.5 = % By Volume

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