



ADVANCED POLYMER, INC.

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API-CPO803

API-CPO803 is a chlorinated polypropylene resin solution that will provide excellent adhesion to polyolefin substrates. API-CPO803 can be used as a primer or as an additive to a coating formulation.

CHARACTERISTICS

- Superior adhesion to PP, TPO or EPDM.
- Excellent interlayer adhesion between primer and top coat (polyester or polyurethane paint).

APPLICATION

- Clean the substrate from contamination (dirt, oil grease, etc) with isopropyl alcohol or other appropriate solvent.
- Dry the surface thoroughly after cleaning.
- Prepare the primer solution for application. Dilute the stock solution down to 5% solids using xylene.
- Apply the 5% solids solution to the substrate at 0.1 to 0.2 mil (dry film thickness) using a Meyer rod, blade coater, spraying or brushing.
- The topcoat can be applied as soon as the CPO primer is dry (Usually 10 to 15 minutes at temperatures above 72°F).

PACKAGING

API-CPO803 is available in 8 oz. samples and 397-lb drums.

TYPICAL PROPERTIES

Appearance:	Amber solution
Resin Content:	57%
Specific Gravity (@ 25°C):	1.01
Solvent:	Xylene

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Revised October 21, 2009

API-CPO803

Section I Product Identity

Product Name: API-CPO803
Chemical Name/Family: Maleic anhydride modified chlorinated polypropylene / xylene solution
CAS Registry: Mixture
24 Hour Emergency Number 800-424-9300
24 Hour Chemtrec Number 800-424-9300

All ingredients are listed in EPA's TSCA list of chemical substances

Section II Hazardous Components/Composition Information

CHEMICAL :	CAS #:	USOS:	TWA:	STEL:	PERCENT:
Modified Chlorinated Polypropylene with maleic anhydride	68609-36-9				57.0
Xylene	1330-20-7				42.0-43.0

Section III Physical and Chemical Properties

Boiling Point ND
Specific Gravity (H₂O=1) >1
Vapor Pressure ND
Vapor Density (Air=1) ND
Percent Volatile By Weight 43
Evaporation Rate (BuAc=1) ND
Solubility in Water Insoluble
Appearance and Odor Amber solution with an aromatic odor

Section IV Fire and Explosion Hazard Data

Flash Point (Method Used) Xylene - 85°F
Flammable Limits in Air (% By Volume) 1.0 - 7.0
Extinguishing Media Foam, dry chemical, CO₂.
Special Fire Fighting Procedures: Evacuate personnel to a safe area. Wear self-contained breathing apparatus. Wear full protective equipment.
Unusual Fire and Explosion Hazard None.

Section V Reactivity Data

Stability Stable
Conditions to Avoid Store in a well-ventilated place at temperatures below 120 F. Keep container tightly closed. Keep from freezing.
Incompatibilities Avoid contact with strong oxidizing agents, acids (ex nitric, sulfuric) and amines.
Hazardous Decomposition or By Products Combustion may produce CO₂, CO, Cl₂ and other toxic vapors
Hazardous Polymerization May Not Occur

Section VI Health hazard Data

Primary Routes of Entry	Inhalation: No	Dermal: Yes	Ingestion: Yes
Acute Health hazard	No information available		
Chronic Health Hazard	No information available		
Carcinogenicity	No information available		
NTP: No	IARC Monograph: No	OSHA Regulated: No	

Signs and Symptoms of Exposure:

Skin Contact	Prolonged and repeated contact with skin can cause defatting and drying of the skin resulting in skin irritation and dermatitis.
Eye Contact	Existing eye, skin and respiratory disorders may be aggravated by exposure to this product.
Ingestion	Although ingestion is unlikely, liquid would irritate upper digestive tract if swallowed.
Inhalation	No information available.

Medical Condition Generally Aggravated by Exposure

None known

Emergency First Aid Procedures

Eyes	Immediately flush eyes with plenty of water. Seek medical attention.
Skin	Immediately wash skin with soap and water. Wash contaminated clothing before reuse.
Ingestion	Do not induce vomiting. Never give anything by mouth to an unconscious person. Call a physician.
Inhalation	Immediately remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen. Please note: Symptoms may be delayed; prompt medical attention may be required. Call a physician.

Section VII Precautions for Safe Handling and Use

Steps to be Taken in Case the Material is Released or Spilled:

Soak up with sawdust, sand, oil dry or other absorbent material.

Waste Disposal Method:

Dispose of according to State and Local regulations.

Section VIII Special Precautions

Precautions to be Taken in Handling and Storage:

Storage & Handling Conditions: Store at temperatures between 40°F and 90°F. Store in a tightly closed container. Store in a well ventilated area. Store away from oxidizing agents, sources of heat, direct sunlight or rain. *** **Agitate contents of container before using** ***

Section IX Control Measures

Respiratory Protection

Ventilation	Local exhaust	Recommended
	Mechanical	
	Special	
	Other	
Eye Protection	Safety glasses should be worn	
Protective Gloves	Rubber or plastic gloves should be worn	
Protective Clothing	Rubber apron	
Other Protective Equipment	NIOSH Approved respirator as needed	
Other Precautions	Wash hands after use	

Section X SARA Title III

SECTION 313 SUPPLIER NOTIFICATION

This product contains the following toxic chemicals subject to the reporting requirements of SECTION 331 of the EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT OF 1986 and of 40 CFR 371

CAS #	Chemical Name	Percent by Weight
1330-20-7	Xylene	42.0-43.0

THIS INFORMATION MUST BE INCLUDED IN ALL MSDS'S THAT ARE COPIED AND DISTRIBUTED FOR THIS MATERIAL

Section XI Transportation Information

SHIPPING INFORMATION

Product Name	API-CPO803
DOT Proper Shipping Name	Resin solution, Flammable (contains Xylene CAS#1330-20-7)
Hazard Class	3
UN Number	UN1866
Packing Group	II
Label Requirements	Flammable Liquid

Section XII Regulatory Information

All of the ingredients of API-CPO803 are included in the "inventories" of the following: United States TSCA, Canadian DSL, European EINECS, Japan ENCS.

Hazard Ratings

Health	2	Flammability	3	Reactivity	0
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Date Prepared August 27, 2009

Prepared By API

Date Revised March 5, 2010

Revised By API

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