



ACS Michigan, LLC  
Harrison Township, Michigan 48045  
[www.ACSmichigan.com](http://www.ACSmichigan.com)  
248-670-6700

## **ACRACOAT ANTI-CORROSIVE**

### **Product Description:**

Our Acracoat line of Anti-Corrosive coatings offers an environmentally friendly solution to protect metal, steel and iron surfaces from corrosion. Acracoat is a water-based acrylic coating that has no VOC and is non-toxic and non-flammable. Our Acracoat functions as a primer or a clear overcoat.

The current market for anti-corrosive primers is held by solvent-borne coatings, typically at low solids contents (approx. 25%), and these do not meet the strict VOC (Volatile Organic Content) guidelines arising throughout North America. These perform the task reasonably, but require that the base metal be de-rusted and pre-cleaned to a large extent, and subsequent painting with a quality topcoat is necessary to maintain the anti-corrosive abilities.

### **Acracoat:**

- 100% aqueous, meets zero VOC criteria (EPA method 24, ASTM D-2359)
- Air dries rapidly, in minutes, similar to solvent systems
- Can be brush, roller, dip or spray applied, after appropriate viscosity adjustment
- Can be applied to previously rusted surfaces
- Provides proven, long-term bond to metals, i.e. outstanding adhesion
- Odorless
- Can be top-coated with aqueous or solvent-borne paints, or self-top-coated
- Primer has good outdoor weather-ability without top-coating
- Primer has excellent, and early water and chemical resistance
- Environmentally friendly and non-flammable
- Rapid resistance to severe scuffing and abrasion
- Protection is not based upon heavy metals
- Since it is pigment-free, settling or separation in dip tanks is negligible

### **Markets:**

- Automotive
- Recreational Vehicles
- Lawn Furniture
- Gar
- Railroad Cars
- Vi Docks
- Bridges
- Garbage Cans
- Military





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## MSDS SHEET

### TRADE NAME: ACRACOAT ANTI-CORROSIVE

**CHEMISTRY:** MODIFIED STYRENE / ACRYLIC LATEX

**FORMULA:** ACRACOAT

**USE:** METAL PROTECTION FINISHES TO CONTROL CORROSION

#### PHYSICAL DATA

APPEARANCE: WHITE EMULSION  
ODOR: SLIGHT  
MELTING POINT: N/A  
BOILING POINT: 100 DEG C.  
DECOMPOSITION TEMP: N/A  
SPECIFIC GRAVITY: 1.01  
VISCOSITY: 30-100 cps.  
WATER SOLUBILITY: DISPERSES BUT IS NOT WATER SOLUBLE  
SOLIDS PERCENTAGE: ~42%  
PH: 9.5

INGREDIENTS	WEIGHT %	CAS #	LIMITS	TOXICITY
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#### HAZARDOUS INGREDIENTS

THIS IS NOT A CONTROLLED PRODUCT UNDER WHMIS (HPA BILL C-70)  
THIS IS NOT A TRANSPORT REGULATED PRODUCT (TDG)  
THIS PRODUCT IS ZERO VOC (ASTM D-2359, AND EPA METHOD 24)  
THIS HAS NO REPORTABLE CONTENT BY SARA III  
THIS HAS NO RIGHT-TO-KNOW CONTENT  
THIS PRODUCT IS NON-FLAMMABLE AND CONTAINS NO SOLVENTS

#### FIRE AND EXPLOSION HAZARDS

FLASH POINT: NOT FLAMMABLE, AQUEOUS SYSTEM WITHOUT A FLASH POINT  
METHOD: TCC  
AUTO IGNITION TEMP: N/A  
EXTINGUISHING MEDIA: WATER  
FIRE FIGHTING PROCEDURES: SELF-CONTAINED BREATHING APPARATUS SUGGESTED  
UNUSUAL HAZARDS: NONE  
HAZARDOUS DECOMPOSITION PRODUCTS: N/D

#### HEALTH DATA

ROUTE OF ENTRY: INGESTION OR SKIN  
EFFECT OF ACUTE EXPOSURE: NO IRRITATION OF SKIN  
EFFECT OF CHRONIC EXPOSURE: NONE KNOWN  
SKIN IRRITATION: NON IRRITANT  
EYE IRRITATION: MILD IRRITANT  
CARCINOGENICITY: NONE KNOWN, OR EXPECTED  
OTHER HEALTH DATA: NO MUTAGENICITY, TERATOGENICITY, and REPRODUCTIVE TOXICITY KNOWN

#### PROTECTION INFORMATION

VENTILATION: NOT REQUIRED, BUT SUGGESTED FOR INDOOR USE  
RESPIRATORY PROTECTION: RECOMMENDED IF MISTS ARE GENERATED  
GLOVES: SUGGESTED  
GOGGLES: SUGGESTED  
OTHER MEASURES: NONE

#### FIRST AID MEASURES

EYES: FLUSH WITH WATER FOR 15 MIN.  
SKIN: SOAP AND WATER  
INGESTION: DILUTE WITH FLUIDS  
INHALATION: CAUSES NO EFFECT

#### REACTIVITY DATA

STABILITY: STABLE  
CONDITIONS TO AVOID: NONE  
INCOMPATIBILITY: STRONG OXIDIZERS  
HAZARDOUS DECOMPOSITION PRODUCT: CARBON MONOXIDE, CARBON DIOXIDE  
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR  
OXIDIZER PROPERTIES: NOT AN OXIDIZER

#### SPILL AND DISPOSAL PROCEDURES

SPILLS & LEAKS: ADD AN ABSORBENT  
WASTE DISPOSAL: CAN BE LAND FILLED

#### STORAGE AND HANDLING

PROCEDURES: STORE IN COOL VENTILATED AREA

#### ECOLOGICAL DATA

BIODEGRADABILITY: NOT KNOWN  
AQUATIC TOXICITY: NOT AVAILABLE, AVOID CONTAMINATION OF WATER

#### HAZARDOUS CLASSIFICATIONS

WHMIS CLASS: NOT CONTROLLED  
TRANSPORTATION CLASS: NONE LISTED U.N. # NONE  
SPECIAL LABELING: NONE  
LISTED DSL: YES  
LISTED CEPA: YES  
LISTED TSCA: YES  
LISTED TDG: NOT REGULATED FOR TRANSPORTATION  
HMIS CLASSIFICATION: HEALTH: 1 FIRE: 0 - REACTIVITY: 0 - OTHER: 0

#### PREPARATION INFORMATION

REVISION DATE: January 1, 2013  
PREPARED BY: Laszlo Muhl, ACS MICHIGAN, LLC Harrison Township, Michigan 48045

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