

# Material Safety Data Sheet

Revised: 12/03

## Section I

Manufacturer's Name  
Coatings For Industry, Inc.  
319 Township Line Road  
Souderton, PA 18964

Emergency Response #  
1-800-535-5053  
Non-Emergency #  
215-723-0919

Chemical Name and Synonyms  
Proprietary Solvent Blend

Trade Name and Synonyms  
Aalseal 598 Part B

## Section II - Hazardous Ingredients

Solvent Blend	%	TLV	CAS #
PMA (Propylene Glycol Monomethyl Ether Acetate)	85%	not established (100 ppm suggested)	#108-65-6
TPM (Tripropylene Glycol Methyl Ether)	15%	not established (100 ppm suggested)	#20324-33-8

This document is prepared pursuant to the OSHA Hazard Communication Standard (29 CFR 1910.1200).

## Section III - Physical Data

Specific Gravity ~~~~~ 0.964  
% Volatile by Volume ~~~~~ 100%  
Evaporation Rate (N.Butyl=100) ~~~~~ 34  
Vapor Pressure (mm hg.) ~~~~~ 3.7 mm Hg. @ 20° C.  
Boiling Point ~~~~~ N/A  
Water Solubility ~~~~~ Appreciable  
Appearance and Odor ~~~~~ Water-white liquid/mild odor  
V.O.C. ~~~~~ 100%

\*\*\* V.O.C. of combined Part A&B = 88 grams per liter.\*\*\*

## Section IV - Fire and Explosion Hazard Data

Flash Point ~~~~~ 116 ° F. TCC  
Flammable limits @ 200° C. ~~~~~ LFL - 1.5%  
~~~~~ UFL - 7.0%

Extinguishing Media: Use water spray, Carbon Dioxide (CO<sub>2</sub>), dry chemical, special fire fighting procedures: wear NIOSH approved positive pressure, self-contained breathing apparatus and protective clothing in fire conditions.

#### **Section IV - Fire and Explosion Hazard Data (cont.)**

Unusual Fire and Explosion Hazards: Keep away from ignition sources, such as heat, sparks, pilot lights, static electricity and open flames. Liquid and vapor may travel some distance to ignition sources where they may ignite or explode.

#### **Section V - Health Hazard Data**

Effects of Overexposure:

**Eye:** May cause slight eye irritation and slight corneal injury.

**Skin Contact:** Essentially non-irritating to skin.

**Skin Absorption:** The LD50 for skin absorption in rabbits is >5000 mg/kg.

Prolonged skin contact with very large amounts could cause drowsiness.

**Ingestion:** Single dose oral toxicity is low. Amounts ingested incidental to industrial handling are not likely to cause injury; however ingestion of larger amounts may cause injury.

**Inhalation:** Single exposure of vapors is not likely to be hazardous.

**Systemic and Other Effects:** Repeated excessive exposures may cause irritation to the upper respiratory tract and liver or kidney effects. Birth defects are unlikely. Exposures having no adverse effects on the mother should have no effect on the fetus. Results of in vitro mutagenicity have been negative.

#### **Emergency and First Aid Procedures:**

**Eyes:** Immediately flush eyes with large amounts of water for at least 15 minutes forcibly holding lids apart to ensure complete irrigation of all eye and lid tissue. Seek medical attention.

**Skin:** Immediately wash contaminated areas with plenty of soap and water. Remove contaminated clothing and wash clothing before reuse.

**Inhalation:** Remove to fresh air if effects occur. Consult a physician.

**Ingestion:** Induce vomiting if large amounts are ingested. Consult medical personnel.

#### **Note To Physician.....**

No specific antidote. Supportive care.

#### **Section VI - Employee Protection**

Required work/hygiene procedures: Precautions must be taken so that persons handling this product do not breathe vapors or have it contact the eyes or skin. Protection must be afforded against exposure to spray mist.

**Eye Protection:** Safety glasses, chemical splash goggles or face shield.

**Skin Protection Requirements:** Chemical resistant gloves. Aprons and clothing with maximum body coverage.

**Section VI - Employee Protection (cont.)**

**Respirator Requirements:** Use NIOSH/OSHA approved respirator when used in enclosed spaces or when spraying.

Observe OSHA regulations for respirator use (29 CFR 1910.134).

**Ventilation Requirements:** Local exhaust to maintain vapor concentration below the TLV suggested in section II. This product should be handled in covered equipment, in which case, general (mechanical) room ventilation is expected to be satisfactory. Special local ventilation is recommended at points where vapor can escape to work place air.

**Additional Protective Measures:** Safety showers and eyewash stations should be available. Educate and train employees in safe use of product.

**Section VII - Reactivity Data**

Stability ~~~~~ Stable under normal conditions.

Incompatibility(conditions to avoid) ~~~~~ Contact with oxidizing agents.

Hazardous Polymerization ~~~~~ Will not occur. Not applicable.

Hazardous Decomposition Products ~~~~~ Combustion will produce Carbon Dioxide and probably Carbon Monoxide.

**Section VIII - Spill or Leak Procedures**

If material is spilled: Wear suitable protective equipment. Eliminate all ignition sources. Prevent liquid from entering sewers, watercourses or low areas. Contain spilled liquid with sand or earth. Dilute contained spill with water. Recover free liquid by pumping or with suitable absorbent.

Waste Disposal Method: Waste must be disposed of in accordance with federal, state, and local environmental control regulations.

**Section IX - Special Precautions and Storage Data**

Handling and Storage Precautions:

Store in tightly closed container and protect from moisture and foreign materials.

Keep away from heat, sparks, and open flames. No smoking. Do not breathe vapor.

Avoid contact with skin, eyes, and clothing. Use employee education and training in the safe handling of organic solvents.

Other Precautions: When Part A&B are combined the precautions of each part apply to the combined material.

**Section X - Regulatory Information**

DOT Classification ~~~~~ Non Regulated

IATA Classification ~~~~~ Paint Related Material, 3, UN1263, PGIII

**Section X - Regulatory Information (cont.)**

SARA Title III :

Section 311/312 Hazardous Categories:

Immediate Health Hazard

Delayed Health Hazard

Fire Hazard

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HMIS Rating:

Health 1

Flammability 2

Reactivity 0

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**NOTICE:** This information is presented in good faith and believed to be accurate as of the effective date below. However, no warranty is express or implied regarding the accuracy of this data or the results to be obtained from the use thereof. Coatings For Industry, Inc. assumes no responsibility for personal injury or property damage to vendees, users, or third parties caused by the material, such vendees or users assume all risks associated with the use of the material. Regulatory requirements are subject to change and may differ from one location to another. It is the buyer's responsibility to ensure that its activities comply with federal, state or provincial, and local laws. The preceding specific information is made for the purpose of complying with numerous federal, state or provincial, and local laws and regulations.

Previous Issue:5/98

Change: Section X