

# PolySol LLC

## Safety Data Sheet

PRODUCT NAME(s): PM600-002

ISSUE DATE: 11/29/2017

### SECTION 1. COMPANY IDENTIFICATION:

PRODUCT IDENTIFIER: PM600-002  
MANUFACTURER'S NAME: PolySol LLC  
1611 Airpark Drive  
Farmington, MO 63640

EMERGENCY PHONE NUMBER: 573-218-2626 (PolySol LLC)  
PRODUCT CLASSIFICATION: Plastisol Compound  
RECOMMENDED USE: Molding  
RESTRICTIONS ON USE: None known.

### SECTION 2. HAZARDS IDENTIFICATION

HAZARDS CLASSIFICATION: Not classified.  
LABEL ELEMENTS: While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), please use this standard for safe handling and proper use of this product.

HAZARDS NOT OTHERWISE: Inhalation- may cause irritation of the respiratory tract, Skin/Eyes – no unusual signs from routine handling, Ingestion – may be harmful if swallowed. This material has not been tested as a whole. MSDS information provided based on ingredients. During heating of product, vapors and gases may be released that the end-user needs to take precautions to avoid employee exposure (such as ventilation, or respiratory protection).

CLASSIFIED (HNOC): None known.

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

SINGLE OR MIXTURE: Mixture  
CHEMICAL IDENTIFICATION: PVC Resin 25 – 50%  
1,2-Benzendicarboxylic acid,  
di-C8-10-branched alkyl esters, C9-rich 25 – 40% CAS 68515-48-0  
Proprietary additives 5 – 15%  
Carbon Black .1-1.1% CAS 1333-86-4

### SECTION 4. FIRST AID MEASURES

INHALATION: Move to fresh air. Seek medical attention.  
SKIN CONTACT: Wash with soap and water. Get medical attention if symptoms occur.  
EYE CONTACT: Flush with water a minimum of 15 minutes. Seek medical attention.  
INGESTION: Do not induce vomiting. Seek medical attention.

MOST IMPORTANT SYMPTOMS/EFFECTS,  
ACUTE AND DELAYED: None known under normal use. If unwell, seek medical attention.

INDICATION OF IMMEDIATE MEDICAL  
ATTENTION & SPECIAL TREATMENT  
NEEDED: Treat symptomatically.

### SECTION 5. FIRE FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA: Foam, dry chemical, carbon dioxide or fine water spray  
UNSUITABLE EXTINGUISHING MEDIA: None known.

SPECIFIC HAZARDS ARISING FROM  
THE CHEMICAL: May emit Hydrogen Chloride (HCl) or Carbon Monoxide (CO) under fire conditions. Carbon Dioxide (CO<sub>2</sub>), Carbon Monoxide (CO), oxides of nitrogen (NO<sub>x</sub>), other hazardous materials and smoke are all possible.

SPECIAL PROTECTIVE EQUIPMENT  
AND PRECAUTIONS FOR THE  
FIRE-FIGHTERS: Wear self-contained breathing apparatus for firefighting if necessary.

### SECTION 6. ACCIDENTAL RELEASE MEASURES:

PERSONAL PRECAUTIONS, PROTECTIVE  
EQUIPMENT AND EMERGENCY  
PROCEDURES: Soak up with inert absorbent material. Package all material in appropriate container for disposal.

ENVIRONMENTAL PRECAUTIONS: The product should not be allowed to enter drains, water courses, or the soil. Should not be released into the environment..

METHODS AND MATERIALS FOR  
CONTAINMENT AND CLEAN UP: Collect spilled materials and place in container. For waste disposal see section 13 of the SDS.

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### SECTION 7. HANDLING AND STORAGE:

PRECAUTIONS FOR SAFE HANDLING: Observe good industrial hygiene practices. Keep out of reach of children.  
CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES: Store in properly labeled container. Keep container closed when not in use. Store in a cool place. Keep away from heat and flame.

### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

OCCUPATIONAL EXPOSURE LIMITS: ACGIH TLV-TWA: Not established  
OSHA PEL:  
Carbon Black OSHA PEL (1989-03-01)  
PEL: Permissible Exposure Level 3.5 mg/m3  
OSHA PEL (1993-06-30)  
PEL: Permissible Exposure Level 3.5 mg/m3  
NIOSH REL (1994-06-01)  
Time Weighted Average (TWA) 3.5 mg/m3  
ACGIH TLV (2010-12-06)

APPROPRIATE ENGINEERING CONTROLS: Ensure adequate ventilation, especially in confined areas. Periodically clean hoods, ducts, and other surfaces to minimize accumulation of combustible or toxic residue.

INDIVIDUAL PROTECTION MEASURES:  
RESPIRATORY PROTECTION (specify type): Respiratory protection is not normally required.  
VENTILATION: Ensure adequate ventilation, especially in confined areas. Periodically clean hoods, ducts, and other surfaces to minimize accumulation of combustible or toxic residue

PROTECTIVE GLOVES: Suitable impervious protective gloves.  
EYE PROTECTION: If contact is likely, safety glasses with side shields are recommended.  
OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Wear appropriate personal protection during cleanup, such as impervious gloves, boots and coveralls.

WORK/HYGIENIC PRACTICES: Wash hands after handling

### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE (color): All Colors  
APPEARANCE (form): Liquid  
ODOR: Faint  
ODOR THRESHOLD: Not available  
pH: Not applicable  
MELTING POINT/BOILING POINT: Not available  
INITIAL BOILING POINT AND BOILING RANGE: Not available  
FLASH POINT: Not applicable  
EVAPORATION RATE: Not applicable  
FLAMMABILITY (SOLID, GAS): Not available  
UPPER / LOWER FLAMMABILITY OR EXPLOSIVE LIMITS: Not available  
VAPOR PRESSURE: Not applicable  
VAPOR DENSITY (air=1): Not applicable  
RELATIVE DENSITY: 1.14 typical (25° C)  
SOLUBILITY IN WATER: Immiscible  
PARTIAL COEFFICIENT (N-OCTANOL/WATER): Not available  
AUTO-IGNITION TEMPERATURE: Not available  
DECOMPOSITION TEMPERATURE: Not available  
VISCOSITY: Not available

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### SECTION 10. STABILITY AND REACTIVITY

REACTIVITY:	Non-reactive under normal conditions of use, storage and transport.
CHEMICAL STABILITY:	Stable under normal conditions
POSSIBILITY OF HAZARDOUS REACTIONS:	No dangerous reaction known under conditions of normal use.
CONDITION TO AVOID:	None known.
INCOMPATIBLE MATERIALS:	Incompatible with strong acids and oxidizing agents. Avoid contact with acetal homopolymers and acetal copolymers during production.
HAZARDOUS DECOMPOSITION PRODUCTS:	Carbon Dioxide (CO <sub>2</sub> ), Carbon Monoxide (CO), oxides of Nitrogen (NO <sub>x</sub> ), Hydrogen Chloride (HCl), other hazardous materials, and smoke are possible. Prolonged heating may result in product degradation. As a general rule of thumb, degradation begins to occur after one hour at 177 C (350 F), after 10 minutes at 204 C (400 F), and within 5 minutes at 232 C (450 F).

### SECTION 11. TOXICOLOGICAL INFORMATION

INFORMATION ON LIKELY ROUTES OF EXPOSURE:	
INHALATION:	For this endpoint no toxicological test data is available for the whole product.
INGESTION:	For this endpoint no toxicological test data is available for the whole product.
SKIN CONTACT:	For this endpoint no toxicological test data is available for the whole product.
EYE CONTACT:	For this endpoint no toxicological test data is available for the whole product. 1,2-Benzenedicarboxylic acid, di-C8-10-branched alkyl esters, C9-rich Eyes- mild irritant (rabbit)
SYMPTOMS RELATED TO THE PHYSICAL, CHEMICAL AND TOXICOLOGICAL CHARACTERISTICS:	For this endpoint no toxicological test data is available for the whole product.
ACUTE TOXICITY:	1,2-Benzenedicarboxylic acid, di-C8-10-branched alkyl esters, C9-rich LD50 (Oral) Rat 10,000 mg/kg Carbon Black LD50 (Oral) Rat 15,400 mg/kg
CHRONIC TOXICITY:	For this endpoint no toxicological test data is available for the whole product.
CARCINOGENICITY:	NTP: Not listed IARC: Not listed OSHA REGULATED: Not listed Carbon Black IARC (2B)

### SECTION 12. ECOLOGICAL INFORMATION

ECOTOXICITY:	No conclusion available.
PERSISTENCE AND DEGRADABILITY:	No data available on degradability of this product.
BIOACCUMULATIVE POTENTIAL:	No data available as a whole. 1,2-Benzenedicarboxylic acid, di-C8-10-branched alkyl esters, C9-rich LogPow 8.8, BCF 3.00, Potential (low)
MOBILITY IN SOIL:	The product should not be allowed to enter drains, water courses, or the soil. Should not be released into the environment..
OTHER ADVERSE EFFECTS:	The product should not be allowed to enter drains, water courses, or the soil. Should not be released into the environment.

### SECTION 13. DISPOSAL CONSIDERATIONS

DISPOSAL INSTRUCTIONS:	Soak up with inert absorbent material. Package all material in appropriate container for disposal. Dispose in accordance with all applicable regulations. Observe all federal, state and local laws.
WASTE RESIDUES:	Dispose of in accordance with applicable regulations.
CONTAMINATED PACKAGING:	Empty containers should be taken to an approved waste handling site for recycling or disposal.

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### SECTION 14. TRANSPORT INFORMATION

UN No.:	Not regulated for transport.
IMO CLASSIFICATION AND CLASS:	Not regulated for transport.
PACKAGING GROUP:	Not applicable.
PROPER SHIPPING NAME:	Plastisol
TECHNICAL SHIPPING NAME:	None
MARINE POLLUTANT:	Yes
DOT REPORTABLE QUANTITY(RQ):	Not applicable.
HAZARD SUBSTANCE(S) NAME, (CAS No.), CONTENTS AND RQ:	Not applicable

### SECTION 15. REGULATORY INFORMATION

TOXIC SUBSTANCES CONTROL ACT  
(TSCA) STATUS: Listed on TSCA Inventory or exempt.

SUPERFUND AMENDMENTS AND  
REAUTHORIZATION ACT OF 1986 (SARA)  
TITLE III SECTION 313 SUPPLIER NOTIFICATION:

This regulation requires submission of annual reports of toxic chemical(s) that appear in section 313 of the emergency planning and community Right-To-Know Act of 1986 and 40 CFR 372. This information must be included in all SDS that are copied and distributed for the material.

The toxic chemical(s) contained in this product are:  
CHEMICAL NAME/(CAS No.) AND CONTENTS:

Misc Zinc Compounds/CAS No. 0-05-5  
0.10 – 1.00 % NPRI #241

1,2-Benzendicarboxylic acid,  
di-C8-10-branched alkyl esters, C9-rich 25 – 40% CAS 68515-48-0

Carbon Black .1-1.1% CAS 1333-86-4

**\*\*This product contains a chemical known to the State of California to cause cancer.**

### SECTION 16. OTHER INFORMATION

For industrial use only.

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