

## MATERIAL SAFETY DATA SHEET

**Company Name:** PRIMELINE PRODUCTS  
**Address:** 26950 SAN BERNARDINO AV  
**City / State / Zip:** REDLANDS / CA / 92374  
**US-CHEMTREC Phone(I):** (800)424-9300  
**US-CHEMTREC Phone(II):** (703)527-3887  
**CAN-CANUTEC Phone:** (613)996-6666  
**Vendor Update:** 5/20/2012  
**Date Prepared:** 6/3/2013  
**MSDS Number:** WSC380BL ;

### I. CHEMICAL PRODUCT IDENTIFICATION

**Product Name:** BLACK FLUSH NYLON CLIP  
**HMIS Ratings:**  
 Health: Minimal(0)  
 Flammability: Slight(1)  
 Instability/Reactivity: Minimal(0)  
**NFPA Ratings:**  
 Health: Minimal(0)  
 Flammability: Slight(1)  
 Instability/Reactivity: Minimal(0)

### II. COMPOSITION, INFORMATION ON INGREDIENTS

Chemical Ingredient	CAL S. Number	% By Weight	ACGIH TLV TWA/STEL	OSHA PEL TWA/STEL	Other TWA/STEL	LD50	LC50
POLYAMIDE RESIN	1011-17-2	>99					
<b>Notes</b>							
<b>Other:</b> All materials used in the manufacture of the above product are compliant with the European Union Directive 2002/95/EC for the Restriction of the use of certain Hazardous Substances in Electrical and Electronic Equipment (RoHS). No Lead (Pb), Cadmium (Cd), Mercury (Hg), Hexavalent Chromium (Cr+6), PBB or PBDE is intentionally added to these components. Any trace impurities of these substances contained in the components are below the RoHS specified threshold level.							

### III. HAZARDS IDENTIFICATION PRIMARY ROUTE OF ENTRY

**Eyes:** NO HAZARD PRESENTED IN SOLID STATE AND NORMAL USE  
**Skin:** SKIN CONTACT: NO HAZARD PRESENTED IN SOLID STATE AND NORMAL USE  
 SKIN ABSORPTION: NO HAZARD PRESENTED IN SOLID STATE AND NORMAL USE  
**Ingestion:** SEEK MEDICAL ATTENTION  
**Inhalation:** NO HAZARD PRESENTED IN SOLID STATE AND NORMAL USE  
**Medical Conditions**  
**Aggravated by Exposure:**  
**Other:** CARCINOGENIC: NOT KNOWN

### IV. FIRST AID MEASURES

**Eyes:** NO HAZARD PRESENTED IN SOLID STATE AND NORMAL USE  
**Skin:** NO HAZARD PRESENTED IN SOLID STATE AND NORMAL USE  
 SKIN ABSORPTION: NO HAZARD PRESENTED IN SOLID STATE AND NORMAL USE  
**Ingestion:** SEEK MEDICAL ATTENTION  
**Inhalation:** NO HAZARD PRESENTED IN SOLID STATE AND NORMAL USE

**V. FIRE FIGHTING MEASURES****Lower Flammability Limit:** UNKNOWN**Upper Flammability Limit:** UNKNOWN**Extinguishing Agents:** DRY, CHEMICAL, WATER SPRAY, CARBON DIOXIDE, FOAM**Unusual Fire or Explosion Hazards:** PRESSURE DEMAND SELF CONTAINED BREATHING APPARATUS IN ANY CLOSED SPACE. DENSE SMOKE EMITTED WHEN BURNED WITHOUT SUFFICIENT OXYGEN.**Fire Fighting Procedures:** HAZARDOUS GASES/VAPORS PRODUCED IN FIRE MAY BE AMMONIA, CARBON MONOXIDE, TRACES OF HYDROGEN CYANIDE AND ALDEHYDES**VI. ACCIDENTAL RELEASE MEASURES****Containment/Cleanup:** NON-HAZARDOUS MATERIAL**Other:** WASTE DISPOSAL METHOD : DISPOSAL MUST BE IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS. INCINERATION EQUIPMENT SHOULD BE CAPABLE OF HANDLING LARGE VOLUMES OF DENSE BLACK SMOKE AND WITHSTAND THE CORROSIVE EFFECTS OF ACID CASES. THESE MATERIALS ARE NOT CONSIDERED HAZARDOUS WASTE UNDER TITLE 40, CFR PART 261 (HAZARDOUS WASTES UNDER THE CONSERVATION RECOVERY ACT), REFERENCE SECTIONS 261.31, .32, .33(E) AND .33(F). THEY DO NOT HAVE THE CHARACTERISTICS OF A HAZARDOUS MATERIAL AS DEFINED UNDER SECTIONS 261.21, .22, .23, AND .24.**VII. HANDLING AND STORAGE****Other:** SPECIAL PRECAUTIONS: NONE**VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION****Eyes:** NO HAZARD PRESENTED IN SOLID STATE AND NORMAL USE**Skin:** NO HAZARD PRESENTED IN SOLID STATE AND NORMAL USE**Respiratory:** NO HAZARD PRESENTED IN SOLID STATE AND NORMAL USE**Engineering:** NO HAZARD PRESENTED IN SOLID STATE AND NORMAL USE**IX. PHYSICAL AND CHEMICAL PROPERTIES****Appearance:** SILKY, WHITE TO PALE YELLOW**Boiling Point:** N/A**Freezing Point:** N/A**pH:** N/A**Solubility in Water:** NON-SOLUBLE**Physical State:** AMORPHOUS SOLID**Volatile Content:** N/A**Other:** CHEMICAL FORMULA: C<sub>12</sub> H<sub>22</sub> O N<sub>2</sub>  
MOLECULAR WEIGHT: 226.3 G/MOL  
MELTING POINT: 255°C (491°F)  
EVAPORATION RATE: N/A

SOLUBILITY–OIL: NON–SOLUBLE  
SOLUBILITY–ACETONE: SOLUBLE

#### X. STABILITY AND REACTIVITY

**Stability:** STABLE

**Hazardous Decomposition Products:** HAZARDOUS GASES/VAPORS PRODUCED IN FIRE MAY BE AMMONIA, CARBON MONOXIDE, CARBON DIOXIDE

**Incompatible Products:** INCOMPATIBLE OR CAN REACT WITH STRONG ACIDS , OXIDIZING AGENTS.

**Conditions To Avoid:** TEMPERATURES ABOVE 3400C (6440F)

#### XI. TOXICOLOGICAL INFORMATION

**Acute Toxicology Data:** ACUTE DATA: MEDICAL CONDITIONS PRONE TO AGGRAVATION BY EXPOSURE: THERMAL DECOMPOSITION PRODUCTS OF NYLON HAVE BEEN REPORTED TO BE IRRITATING TO THE MUCUS MEMBRANES AND RESPIRATORY TRACT

**Component Toxicology Information:** REPRODUCTIVE / TERATOLOGY DATA: N/A

#### XII. ECOLOGICAL INFORMATION

**Ecotoxicity:**

**Other:** MAY BE RECYCLED

#### XIII. DISPOSAL CONSIDERATIONS

**Disposal Method:** DISPOSAL MUST BE IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS. INCINERATION EQUIPMENT SHOULD BE CAPABLE OF HANDLING LARGE VOLUMES OF DENSE BLACK SMOKE AND WITHSTAND THE CORROSIVE EFFECTS OF ACID CASES. THESE MATERIALS ARE NOT CONSIDERED HAZARDOUS WASTE UNDER TITLE 40, CFR PART 261 (HAZARDOUS WASTES UNDER THE CONSERVATION RECOVERY ACT), REFERENCE SECTIONS 261.31, .32, .33(E) AND .33(F). THEY DO NOT HAVE THE CHARACTERISTICS OF A HAZARDOUS MATERIAL AS DEFINED UNDER SECTIONS 261.21, .22, .23, AND .24.

#### XIV. TRANSPORT INFORMATION

**Other:** DOT CLASSIFICATION: N/A  
WARNING LABELS: N/A

#### XV. REGULATORY INFORMATION

**Supplemental State Compliance Information:**

**Other:** WORKPLACE CLASSIFICATION: N/A

#### XVI. OTHER INFORMATION

##### WARRANTY INFORMATION

THIS INFORMATION IS OFFERED IN GOOD FAITH AS TYPICAL VALUES AND NOT AS A PRODUCT SPECIFICATION. NO WARRANTY, EXPRESSED OR IMPLIED, IS HEREBY MADE. THE RECOMMENDED INDUSTRIAL HYGIENE AND SAFE HANDLING PROCEDURES ARE BELIEVED TO BE GENERALLY APPLICABLE. HOWEVER, EACH USER SHOULD REVIEW THESE RECOMMENDATIONS IN THE SPECIFIC CONTEXT OF THE INTENDED USE AND DETERMINE WHETHER THEY ARE APPROPRIATE.