

# **AGS** **ADVANCED CORROSION SOLUTIONS INC.**

## **PRODUCT DATA SHEET**

### ***PETROGUARD® MASTIC***

#### **Description**

Petroguard® Mastic is a cold applied self-supporting mastic. It is a petroleum compound containing inert siliceous fillers and polystyrene beads.

#### **Uses**

Petroguard® Mastic is Primarily used for sealing, filling and caulking applications where a protective, waterproof and non setting mastic is required. It can be used to contour tank bases and profile irregular surfaces such as flanges, vales, and bolts. It is applied prior to the application of Petroguard® Petrolatum Tapes and generally used in conjunction with Petroguard® Primer Pastes, Petroguard® Petrolatum Tapes and the X21 Multi-Environment Pipeline Protection System.

#### **Features**

- Minimal surface preparation (SSPC SP 2 – 3)
- Excellent sealing properties
- Will adhere to metal, PVC, polyethylene and concrete
- Contains no V.O.C.'s
- Easy application, can be applied by inexperienced personnel
- Not affected by water, acids and salts
- Inert and environmentally stable

#### **Application**

Prepare surfaces by removing all loose scale, rust or other foreign matter in accordance to SSPC SP2 "Hand Tool Cleaning" or SP3 "Power Tool Cleaning". High pressure wash of 3,000 – 7,000 psi is also suitable. Apply a thin uniform coat of Petroguard® Primer Paste to entire surface with gloved hand, brush or rag. Then, by hand application, mold the mastic to a rounded configuration to fill irregular shapes and reduce sharp edges.

# **PETROGUARD® MASTIC**

## **Property Specifications**

<b>Properties</b>	<b>English</b>	<b>Metric</b>
Specific Gravity	1.39	1.39
Specific Volume	20 in <sup>3</sup> /lb.	720 cm <sup>3</sup> /kg
Flash Point	>356°F	>180°C
Maximum Service Temperature	194°F	90°C
Packaging	6 x 4.4 lb blocks	6 x 2 kg blocks



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The information given on this sheet is intended as a general guide only and should not be used for specification purposes. We believe the information to be accurate and reliable but do not guarantee it. We assume no responsibility for the use of this information. Users must, by their own tests, determine the suitability of the products and information supplied by us for their own particular purposes. No patent liability can be assumed.

**ADVANCED CORROSION SOLUTIONS INC.**

MATERIAL SAFETY DATA SHEET

NON CONTROLLED PRODUCTS

<b>SECTION 1 – PRODUCT IDENTIFICATION AND USE</b>				
<b>Product Name</b> PetroGuard® Mastic				
<b>Manufacturer's Name</b> Advanced Corrosion Solutions Inc.			<b>Supplier's Name</b> Advanced Corrosion Solutions Inc.	
<b>Street Address</b> 12-1616 Matheson Boulevard			<b>Street Address</b> 12-1616 Matheson Boulevard	
<b>City</b> Mississauga	<b>Province, Country</b> Ontario, Canada		<b>City</b> Mississauga	<b>Province, Country</b> Ontario, Canada
<b>Postal Code</b> L4W 1R9	<b>Emergency Tel. No.</b> (888) 463-8162 Ext. 0		<b>Postal Code</b> L4W 1R9	<b>Emergency Tel. No.</b> (888) 463-8162 Ext. 0
<b>Chemical Name</b> Not Applicable		<b>Chemical Family</b> Not Applicable		<b>Chemical Formula</b> Not Applicable
<b>Molecular Weight</b> Not Applicable		<b>Trade Name &amp; Synonyms</b> Not Applicable		<b>Material Use</b> Mastic Material Used to Contour Irregular Shapes Prior to Wrapping With Petrolatum Tapes
<b>SECTION 2 – FORUMLATION</b>				
Ingredients	%	UN, NA or CAS Number	LD50 of Material (Specific Species and Route)	LC50 of Material (Specific Species)
Hydrocarbon Wax	40	N/A	Not Available	Not Available
Process Oils	30	N/A	Not Available	Not Available
Synthetic Fibre	10	N/A	Not Available	Not Available
Talc	20	N/A	Not Available	Not Available
<b>SECTION 3 – PHYSICAL DATA</b>				
<b>Physical State</b> Solid		<b>Odour and Appearance</b> Greenish Brown Putty		<b>Odour Threshold (PPM)</b> Not Applicable
<b>Vapour Pressure (mm Hg)</b> Not Available	<b>Vapour Desity ( air = 1)</b> Not Available		<b>Evaporation Rate</b> Not Available	<b>Boiling Point (°C)</b> Not Applicable
<b>% Volatile (by volume)</b> Negligible		<b>Solubility in water (20°C)</b> Negligible	<b>pH</b> Not Available	<b>Freezing Point (°C)</b> Softening Point of Compound 100°C
			<b>Specific Gravity</b> 1.4 Approx	<b>Coef Water/Oil Dist</b> Not Available
<b>SECTION 4 – FIRE AND EXPLOSION DATA</b>				
<b>Flammability</b> Yes		<b>If Yes Under What Conditions</b> With Sufficient Heat and Flame the Compound and Fabric Carrier will Melt and Ignite		
<b>Means of Extinction</b> Carbon Dioxide, Chemical Foam, Dry Powder				
<b>Special Procedure</b> Not Available				
<b>Section 4 – Continued on Next Page</b>				

<b>Flashpoint (°C) and Method</b> Above 250°C (C.O.C.)	<b>Upper Explosion Limit (% by volume)</b> Not Applicable	<b>Lower Explosion Limit (% by volume)</b> Not Applicable	
<b>Auto Ignition Temperature (°C)</b> Not Available	<b>TDG Flammability Classification</b> Not Available	<b>Hazardous Combustion Products</b> Black Smoke, CO	
<b>SECTION 5 – REACTIVITY DATA</b>			
<b>Chemical Stability</b> Yes	<b>If No, Under What Conditions?</b>		
<b>Incompatibility With Other Substances</b> Yes	<b>If Yes, Which Ones?</b> Coating Compound is Softened by Common Organic Solvents e.g. Kerosene		
<b>Reactivity, and Under What Conditions?</b> Not Readily Reactive			
<b>Hazardous Decomposition Products</b> Combustion Products: Carbon Dioxide, Carbon Monoxide			
<b>Section 6 – TOXICOLOGICAL PROPERTIES</b>			
<b>Route of Entry</b> Skin Contact, Skin Absorption			
<b>Effects of Acute Exposure to Material</b> Prolonged and Repeated Contact May Irritate the Skin			
<b>Effects of Chronic Exposure to Material</b> Same as Above			
<b>LD50 of Material</b> <b>Specify Species and Route</b> Not Applicable	<b>LC50 of Material</b> <b>Specify Species</b> Not Applicable	<b>Exposure Limit of Material</b> Not Applicable	<b>Irritancy of Material</b> Prolonged and Repeated Contact May Irritate the Skin
<b>Sensitivity Capability of Material</b> Not Available	<b>Carcinogenicity of Material</b> Not Available	<b>Reproductive Effects of Material</b> Not Available	<b>Synergistic Material</b> Not Available
<b>SECTION 7 – PREVENTATIVE MEASURES</b>			
<b>Personal Protective Equipment</b> Overalls, Gloves, Eye Protection – Soiled Clothing Should be Changed and Cleaned			
<b>Gloves (Specify)</b> Grease Resistant	<b>Respiratory (Specify)</b> Not Applicable	<b>Eyes (Specify)</b> Safety Glasses	
<b>Footwear (Specify)</b> Not Applicable	<b>Clothing (Specify)</b> Overalls	<b>Other (Specify)</b> Not Applicable	
<b>Engineering Controls (Specify e.g. Ventilation of Enclosed Area)</b> Not Applicable			
<b>Leak and Spill Procedure</b> Add Inert Material e.g. Sand, Before Removal if Necessary			
<b>Waste Disposal</b> Incineration or Approved Dumping			
<b>Handling Procedure and Equipment</b> Avoid Contact with Face, Arms etc. Wash Thoroughly After Use and Before Work Breaks. Change and Clean Soiled Clothing.			
<b>Storage Requirements</b> Store Correct Way Up in Original Packaging. Store Away From Heat and Open Flame.			
<b>Special Shipping Information</b> Not Applicable			
<b>SECTION 8 – FIRST AID MEASURES</b>			
<b>Section 8 – Continued on Next Page</b>			

SKIN CONTACT – Wash With Warm Water and Mild Soap

EYE CONTACT – Irrigate Eyes Thoroughly with Clean Water

SWALLOWING – Obtain Medical Advice Immediately

**Sources Used**

Health and Safety Data Supplied by Raw Material Suppliers

**Additional Information**

No Guarantee, Implied or Otherwise is Made. The Information in This Data Sheet is Given in Good Faith and is Intended for Health and Safety Use Only.

**SECTION 9 – PREPARATION DATES OF THE MSDS**

<b>Prepared by (Group, Department etc.)</b>	<b>Phone Number</b>	<b>Date</b>
Advanced Corrosion Solutions Inc. Quality Control Dept. – Miss, ON Canada	(888) 463-8162	September 20, 2007