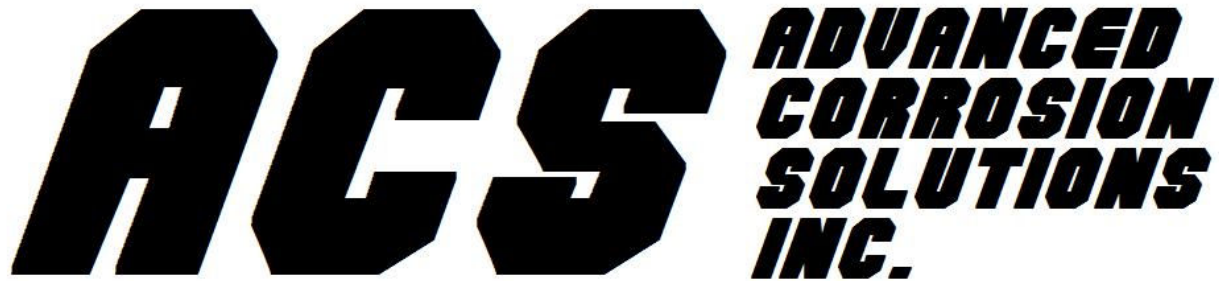


# PetroGuard®

## Petrolatum Tape System

**Advanced Corrosion Solutions Inc.**  
12-1616 Matheson Boulevard  
Mississauga Ontario L4W 1R9  
Phone: (888) 463-8162  
Email: [info@advancedcorrosionsolutions.com](mailto:info@advancedcorrosionsolutions.com)



## *Worldwide Leader in Corrosion Prevention*

Advanced Corrosion Solutions Inc. is a world leader in the manufacturing of petrolatum anti-corrosion tape systems for a wide range of industries including oil and gas, waterworks and marine.

ACS' PetroGuard line of products are designed to stop, as well as prevent corrosion on pipes, valves, fittings and flanges in the harshest environments imaginable.

Advanced Corrosion Solutions' technically advanced manufacturing facility is located in Ontario Canada offering an extensive product range across Europe, Asia, Africa, North America, South America and Australasia.

### **PetroGuard® Petrolatum Tape Systems High Performance Petrolatum Products**

#### **Uses and Applications**

- Above and below ground pipe, flanges and valves
- Underdecking piping, hangers, tie rods and connections
- Cooling tower piping, tank bases and pipe under thermal insulation
- Offshore platform piping, conduit, structural steel and so much more.....

#### **Features**

- Applied to marginally prepared surfaces
- Conforms to AWWA C217-09 standard
- History of proven applications
- Can be applied to cold and wet surfaces

**PetroGuard® Tape ST**

PetroGuard Tape ST is composed of a non-woven synthetic fabric carrier, fully impregnated with a neutral compound based on saturated petrolatum and inert siliceous fillers. An all purpose petrolatum anti-corrosion wrap, PetroGuard Tape ST provides long term corrosion protection to pipes, flanges, valves and related surfaces.

**PetroGuard® Tape LT**

PetroGuard Tape LT is composed of a non-woven synthetic fabric carrier, fully impregnated with a neutral compound based on saturated petrolatum and inert siliceous fillers. PetroGuard Tape LT is designed for applications at cooler ambient temperatures. PetroGuard Tape LT provides long term corrosion protection to pipes, flanges, valves and related surfaces.

**PetroGuard® Tape HT**

PetroGuard Tape HT is composed of a non-woven synthetic fabric carrier, fully impregnated with a neutral compound based on saturated petrolatum and inert siliceous fillers. PetroGuard Tape HT is designed specifically for use in high temperature applications. PetroGuard Tape HT provides long term corrosion protection to pipes, flanges, valves and related surfaces.

**PetroGuard® Tape UW**

PetroGuard Tape UW is composed of a non-woven synthetic fabric carrier, fully impregnated with a neutral compound based on saturated petrolatum and inert siliceous fillers. PetroGuard Tape UW is designed for marine applications to provide long term protection of pilings and submerged pipes, valves, flanges and fittings. The addition of a wide spectrum biocide helps to prevent the growth of marine microorganisms.

**PetroGuard® Standard Primer Paste**

PetroGuard Standard Primer Paste is a soft brown petrolatum primer containing moisture displacing corrosion inhibiting compounds. Used as a primer prior to the application of PetroGuard Petrolatum Tapes.

**PetroGuard® Marine Primer Paste**

PetroGuard Marine Primer Paste is a soft brown petrolatum primer containing moisture displacing corrosion inhibiting compounds. Designed for use in marine applications to prepare surfaces prior to the application of PetroGuard Tape UW.

**PetroGuard® Mastic**

PetroGuard mastic is a cold applied self-supporting mastic. It is a petrolatum compound containing inert siliceous fillers and synthetic fibers. Used to contour irregular surfaces such as valves, flanges and fittings prior to the application of PetroGuard Petrolatum Tapes.

**PetroGuard® Overwrap**

PetroGuard Overwrap is a polyvinyl chloride tape with a pressure sensitive adhesive. Designed to protect surfaces that have been wrapped with PetroGuard Petrolatum Tapes from damage due to environment or backfill in buried applications. Standard black color, with custom colors available upon request.

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

## **PRODUCT DATA SHEET**

### ***PETROGUARD® TAPE LT***

#### **Description**

Petroguard® Tape LT is composed of a non-woven synthetic fabric carrier, fully impregnated with a neutral compound based on saturated petroleum and inert silicious fillers.

#### **Uses**

Petroguard® Tape LT is specifically designed for applications at cooler ambient temperatures. The tape provides long term corrosion protection to pipes, flanges, valves and related surfaces.

#### **Features**

- Minimal surface preparation (SSPC SP 2 – 3)
- Conforms to irregular shapes and profiles
- UV resistant
- 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
- Meets AWWA C-217
- Can be applied to cold, wet surfaces
- Ready for immediate service after application
- Over sixty years of proven applications
- Can be applied above and below ground

#### **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. Use Petroguard® Mastic to fill irregular shapes and reduce sharp edges. Spirally wrap the tape with a minimum 25mm (1") overlap. For severely corrosive environments, a 55% overlap is recommended. For additional mechanical protection, an overwrap may be used to increase impact strength and electrical resistance.

# PETROGUARD® TAPE LT

## Property Specifications

Properties	English	Metric
Thickness (ASTM D1000)	46 mils	1.15 mm avg.
Weight	.295 lbs/ft <sup>2</sup>	1.44 kg/m <sup>2</sup> avg.
Breaking Strength (ASTM 1000)	22.5 lbf/in.	200 N/50 mm min.
Water Vapor Transmission (ASTM E96 – 66 Procedure A)	0.006 perms avg.	0.006 perms avg.
Elongation @ Break	10% avg.	10% avg.
Breakdown Voltage (55% overlap)	16 kV min.	16 kV min.
Resistance to Cathodic Disbonding (ASTM G8 – 30 days)	.45 in <sup>2</sup> avg.	300 mm <sup>2</sup> avg.
Resistance to Acids, Alkalies and Salts	Excellent	Excellent
Maximum Service Temperature	122°F	50°C
Roll Widths	2" to 12"	50 to 300 mm
Roll Length	33 ft	10 m
Recommended Primer	Petroguard® Standard Primer Paste	



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[www.advancedcorrosionsolutions.com](http://www.advancedcorrosionsolutions.com)

**ADVANCED CORROSION SOLUTIONS INC.**

MATERIAL SAFETY DATA SHEET

NON CONTROLLED PRODUCTS

<b>SECTION 1 – PRODUCT IDENTIFICATION AND USE</b>					
<b>Product Name</b> PetroGuard® Tape LT					
<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> Wrapping of Metal Surfaces to Protect From Corrosion	
<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 Membrane		<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>Freezing Point (°C)</b> Softening Point of Compound 100°C
<b>% Volatile (by volume)</b> Negligible	<b>Solubility in water (20°C)</b> Negligible		<b>pH</b> Not Available	<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

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

## **PRODUCT DATA SHEET**

### ***PETROGUARD® STANDARD PRIMER PASTE***

#### **Description**

Petroguard® Standard Primer Paste is a soft brown petrolatum primer containing moisture displacing corrosion inhibiting compounds for application by stiff brush or gloved hand at normal ambient temperature. It does not dry, harden or crack.

#### **Uses**

Primarily used as a primer prior to the application of Petroguard® Petrolatum Tapes. Petroguard® Standard Primer Paste will penetrate existing rust, displace moisture, pacify the surface and aid the adhesion of petrolatum tapes and mastics. It is also used as a temporary coating for exposed metal surfaces.

#### **Features**

- Minimal surface preparation (SSPC SP 2 – 3)
- Can be applied in any climate
- Can be applied to wet surfaces
- Contains no V.O.C.'s
- Can be applied by inexperienced personnel
- No shut downs necessary
- Meets AWWA C-217

#### **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® Standard Primer Paste to entire surface with gloved hand, brush or rag.

# **PETROGUARD® STANDARD PRIMER PASTE**

## **Property Specifications**

<b>Properties</b>	<b>English</b>	<b>Metric</b>
Solids Content	>98%	>98%
Specific Gravity	1.08	1.08
Specific Volume	26 cu in/lb.	925 cc/kg
Flash Point	>356°F	>180°C
Maximum Service Temperature	158°F	70°C
Coverage	22 ft <sup>2</sup> /lb.	2 m <sup>2</sup> /kg
Packaging	4 x 8.8 lb tubs	4 x 4kg tub



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[www.advancedcorrosionsolutions.com](http://www.advancedcorrosionsolutions.com)

**ADVANCED CORROSION SOLUTIONS INC.**

MATERIAL SAFETY DATA SHEET

NON CONTROLLED PRODUCTS

<b>SECTION 1 – PRODUCT IDENTIFICATION AND USE</b>					
<b>Product Name</b> PetroGuard® Standard Primer Paste					
<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> Primer Paste Used to Prepare Metal Surface 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	
Talc	30	N/A	Not Available	Not Available	
<b>SECTION 3 – PHYSICAL DATA</b>					
<b>Physical State</b> Solid		<b>Odour and Appearance</b> Brown Semi Solid Material		<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>Freezing Point (°C)</b> Softening Point of Compound 100°C
<b>% Volatile (by volume)</b> Negligible	<b>Solubility in water (20°C)</b> Negligible		<b>pH</b> Not Available	<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 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> 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

# **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>Freezing Point (°C)</b> Softening Point of Compound 100°C
<b>% Volatile (by volume)</b> Negligible	<b>Solubility in water (20°C)</b> Negligible	<b>pH</b> Not Available	<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