

AGS **ADVANCED CORROSION SOLUTIONS INC.**

PRODUCT DATA SHEET

PETROGUARD® CONTOURING MASTIC

Description

PetroGuard® Contouring Mastic is a cold applied self-supporting mastic. It is a petroleum compound containing inert siliceous fillers and synthetic fibers.

Uses

PetroGuard® Contouring Mastic is Primarily used for sealing, filling and caulking applications where a denser, heavier protective, waterproof and non setting mastic is required. It is best suited for submerged marine applications to contour and profile irregular surfaces such as flanges, vales, and bolts and to fill pitting and small holes in marine pilings. It is applied prior to the application of PetroGuard® Petrolatum Tapes and generally used in conjunction with PetroGuard® Primer Pastes, and PetroGuard® Petrolatum Tapes.

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
- 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® 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® CONTOURING MASTIC

Property Specifications

Properties	English	Metric
Specific Gravity	1.39	1.39
Specific Volume	20 in ³ /lb.	720 cm ³ /kg
Flash Point	>356°F	>180°C
Maximum Service Temperature	194°F	90°C
Packaging	8 x 6.6 lb blocks	8 x 3kg 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

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

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

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

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