

MATERIAL SAFETY DATA SHEET

SECTION I SUPPLIER INFORMATION

Common Name: IronBack
Product Description: Rust Conversion Coating
Formula: A981
Distributed by: Specialty Solutions Manufacturing
119 South 3rd Street
New Hyde Park, NY 11040
Custom Manufactured by: Shore Corporation
2917 Spruce Way
Pittsburgh, PA 15201
Phone: (412) 471-3330
Emergency Phone: Chem-Tel 1-800-255-3924 (24 hours)
Date Prepared: July 28, 2014

SECTION II HAZARDOUS INGREDIENT INFORMATION

CFR 29 Part 1910.1000 Table Z-1 (February 28, 2006 issue)

Ingredient	CAS Number	PEL-OSHA (ppm)	TWA-OSHA (mg/m ³)	TLV-ACGIH (ppm)	STEL-ACGIH (ppm)
Tannic Acid	1401-55-4				
Butoxyethanol	111-76-2	50	240		
Barium Sulfate (as dust)	7727-43-7		15		

SECTION III PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: 212 °F
Specific Gravity: 1.45
Melting Point: N/A °F
pH: 3.0 – 4.0
Vapor Pressure (mm Hg): N/A
Vapor Density (Air=1): <1
Evaporation Rate (Butyl Acetate =1): <1
Solubility in Water: Dispersible
Appearance and Odor: Dark tan creamy fluid, mild odor

SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point: none °F
Auto-Ignition Temperature: N/A °F
LEL: N/A %
UEL: N/A %
Extinguisher Media: This material is not expected to burn.
Special Fire Fighting Procedures: None known.
Unusual Fire and Explosion Hazards: None known

SECTION V REACTIVITY DATA

Stability	Stable
Conditions and Materials to Avoid	None known
Hazardous Decomposition or By-Products	Oxides of carbon and HCl
Polymerization	None
Conditions to Avoid	Freezing and temperatures less than 40°F

SECTION VI HEALTH HAZARD DATA

Inhalation

Acute	Trace component and residual monomer vapors may be irritating to the eyes, skin, mucous membranes, respiratory tract, and may produce symptoms of headache or nausea in poorly ventilated areas.
Chronic	No data available

Eye Contact

Acute	Direct contact may cause irritation
Chronic	No data available.

Skin Contact

Acute	Prolonged exposure may cause transient reddening of the skin.
Chronic	No data available

Ingestion

Acute	Solvent component may cause headache, dizziness, in-coordination, nausea, vomiting, diarrhea and general weakness.
Chronic	No data available

Medical Conditions Aggravated By Exposure	None known.
Chemical Listed as Carcinogen or Potential Carcinogen	No
National Toxicology Program	No
I.A.R.C. Monographs :	No OSHA : No

ROUTES OF ENTRY/EMERGENCY AND FIRST AID PROCEDURES

Inhalation	Remove to fresh air immediately. If breathing has stopped, give artificial respiration. Oxygen may be given if breathing is difficult. If irritation or other symptoms develop, get medical attention.
Eyes:	Rinse eyes with cool water for 15 minutes or until no evidence of product remains. Get medical attention if irritation develops.
Skin:	Wash off with soap and water until no evidence of product remains. Get medical attention if irritation develops. Launder clothing before reuse.
Ingestion:	No harmful effects expected. Treat symptomatically and get medical attention if you feel unwell.

SECTION VII PRECAUTIONS FOR SAFE HANDLING AND USE

Precautions To Be Taken In Handling and Storage: Keep product from freezing.

Other Precautions : None

Steps To Be Taken In Case Material Is Released Or Spilled:

Large Spills: Dike and contain for intended use.

Small Spills: Use absorbent granules or wipe up with damp rag.

Waste Disposal Method: In accordance with federal, state, and local regulations.

SECTION VIII OTHER REGULATORY INFORMATION

SECTION 313 (With Chemicals Listed): This product contains the following toxic chemical(s) subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) and 40 CFR Part 372:

Ingredient	CAS Number	Weight Percent
None	NA	NA

SECTION IX SPECIAL PROTECTION & CONTROL MEASURES

RESPIRATORY PROTECTION: None

VENTILATION:	Local Exhaust xxx	Mechanical	Special	Other
--------------	----------------------	------------	---------	-------

Protective Gloves: Gloves impervious to water and soap.

Eye Protection: Safety glasses and available eye bath.

Other Protective Clothing or Equipment: None

Work/Hygiene Practices : Keep off of clothing. Wash hands before eating, drinking, smoking, or using the restroom.

SECTION X DOT SHIPPING INFORMATION

DOT Shipping Name	Non Regulated
Label Requirements:	None

DOT Hazardous Substance	CAS Number	Reportable Quantity (RQ)
None	NA	NA

The information presented herein is based on data considered to be accurate as of the date of preparation of this Material Safety Data Sheet. However, no warranty or representation, expressed or implied, is made as to the accuracy or completeness of the foregoing data and safety information. In addition, no responsibility can be assumed by vendor for any damage or injury resulting from abnormal use, from any failure to adhere to recommended practices, or from any hazards inherent in the nature of the product.