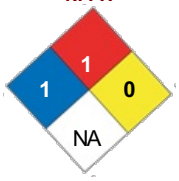
Masterchem Industries LLC

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

Product Name:	**HAMMERITE® Rust Cap® Galvanized Aluminum Primer Gray**
Product Code:	48300, 48301
MSDS Manufacturer Number:	48300, 48301
Manufacturer Name:	Masterchem Industries LLC
Address:	3135 Old Highway M Imperial, MO 63052-2834
General Phone Number:	(636) 942-2510
General Fax Number:	(636) 942-3663
Customer Service Phone Number:	(800) 325-3552
CHEMTREC:	For emergencies in the US, call CHEMTREC: 800-424-9300
Canutec:	In Canada, call CANUTEC: (613) 996-6666 (call collect)
MSDS Creation Date:	June 26, 2006
MSDS Revision Date:	June 02, 2010
MSDS Format:	According to ANSI Z400.1-2004

NFPA



HMIS

Health Hazard	1
Fire Hazard	1
Reactivity	0
Personal Protection	x

* Chronic Health Effects

SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS#	Ingredient Percent
2-Propenoic acid, polymer with butyl 2-propenoate and ethenylbenzene	25586-20-3	10-30 by weight
Ethanol, 2-(2-butoxyethoxy)-	112-34-5	1-5 by weight
Ethylene Glycol	107-21-1	1-5 by weight
Nepheline Syenite	37244-96-5	5-10 by weight
Non-hazardous ingredients		30-60 by weight
Titanium dioxide	13463-67-7	5-10 by weight

SECTION 3 - HAZARDS IDENTIFICATION

Emergency Overview:	Irritant.
Potential Health Effects:	
Eye:	May cause irritation.
Skin:	May cause irritation.
Inhalation:	Prolonged or excessive inhalation may cause respiratory tract irritation.
Ingestion:	May be harmful if swallowed. May cause vomiting.
Chronic Health Effects:	Prolonged or repeated contact may cause skin irritation.
Signs/Symptoms:	Overexposure may cause headaches and dizziness.
Target Organs:	Eyes. Skin. Respiratory system. Digestive system.
Aggravation of Pre-Existing Conditions:	None generally recognized.

SECTION 4 - FIRST AID MEASURES

Eye Contact:	Immediately flush eyes with plenty of water for 15 to 20 minutes. Get medical attention, if irritation or symptoms of overexposure persists.
Skin Contact:	Immediately wash skin with soap and plenty of water. Get medical attention if irritation develops or persists.
Inhalation:	If inhaled, remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Seek immediate medical attention.
Ingestion:	If swallowed, do NOT induce vomiting. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.
Other First Aid:	Due to possible aspiration into the lungs, DO NOT induce vomiting if ingested. Provide a glass of water to dilute the material in the stomach. If vomiting occurs naturally, have the person lean forward to

reduce the risk of aspiration.

SECTION 5 - FIRE FIGHTING MEASURES

Flash Point:	No Data
Extinguishing Media:	Use alcohol resistant foam, carbon dioxide, dry chemical, or water fog or spray when fighting fires involving this material.
Protective Equipment:	As in any fire, wear Self-Contained Breathing Apparatus (SCBA), MSHA/NIOSH (approved or equivalent) and full protective gear.

NFPA Ratings:

NFPA Health:	1
NFPA Flammability:	1
NFPA Reactivity:	0
NFPA Other:	NA

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personnel Precautions:	Use proper personal protective equipment as listed in section 8.
Environmental Precautions:	Avoid runoff into storm sewers, ditches, and waterways.
Spill Cleanup Measures:	Absorb spill with inert material (e.g., dry sand or earth), then place in a chemical waste container. Provide ventilation. Clean up spills immediately observing precautions in the protective equipment section.

SECTION 7 - HANDLING and STORAGE

Handling:	Use with adequate ventilation. Avoid breathing vapor and contact with eyes, skin and clothing.
Storage:	Store in a cool, dry, well ventilated area away from sources of heat, combustible materials, and incompatible substances. Keep container tightly closed when not in use.
Hygiene Practices:	Wash thoroughly after handling. Avoid contact with eyes and skin. Avoid inhaling vapor or mist.

SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION - EXPOSURE GUIDELINES

Engineering Controls:	Use appropriate engineering control such as process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Good general ventilation should be sufficient to control airborne levels. Where such systems are not effective wear suitable personal protective equipment, which performs satisfactorily and meets OSHA or other recognized standards. Consult with local procedures for selection, training, inspection and maintenance of the personal protective equipment.
Eye/Face Protection:	Wear appropriate protective glasses or splash goggles as described by 29 CFR 1910.133, OSHA eye and face protection regulation, or the European standard EN 166.
Skin Protection Description:	Chemical-resistant gloves and chemical goggles, face-shield and synthetic apron or coveralls should be used to prevent contact with eyes, skin or clothing.
Respiratory Protection:	A NIOSH approved air-purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection.
Other Protective:	Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

Ethylene Glycol :

Guideline ACGIH:	TLV-STEL: C 100 mg/m3 (Aerosol only)

Titanium dioxide :

Guideline ACGIH:	TLV-TWA: 10 mg/m3
Guideline OSHA:	OSHA-TWA: 15 mg/m3

SECTION 9 - PHYSICAL and CHEMICAL PROPERTIES

Physical State Appearance:	Liquid.

Boiling Point:	No Data
Melting Point:	No Data
Density:	10 - 12 Lbs./gal.
Vapor Density:	Greater than 1 (Air = 1).
pH:	No Data
Molecular Formula:	Mixture
Molecular Weight:	Mixture
Flash Point:	No Data

SECTION 10 - STABILITY and REACTIVITY

Chemical Stability:	Stable under normal temperatures and pressures.
Hazardous Polymerization:	Not reported.
Conditions to Avoid:	Heat, flames, incompatible materials, and freezing or temperatures below 32 deg. F.
Incompatible Materials:	Oxidizing agents. Strong acids and alkalis.

SECTION 11 - TOXICOLOGICAL INFORMATION

Ethanol, 2-(2-butoxyethoxy)- :

Eye:	Eye - Rabbit; Standard Draize test. : 20 mg; severe. Eye - Rabbit; Standard Draize test. : 20 mg/24H; Moderate. (RTECS)
Skin:	Skin - Rabbit LD50: 2700 mg/kg; Details of toxic effects not reported other than lethal dose value (RTECS)
Ingestion:	Ingestion - Rat LD50: 4500 mg/kg; Behavioral - Tetany Lungs, Thorax, or Respiration - Dyspnea Liver - Other changes Ingestion - Rat LD50: 5660 mg/kg; Details of toxic effects not reported Other than lethal dOral - mouse LD50: 2400 mg/kg - Details of toxic effects not reported other than lethal dose value Ingestion - Mouse LD50: 6050 mg/kg - [Behavioral - Tetany Lungs, Thorax, or Respiration - Dyspnea Liver - Other changes. (RTECS)

Ethylene Glycol :

RTECS Number:	KW2975000
Eye:	Eye - Rabbit; Standard Draize test. : 500 mg/24H; mild. Eye - Rabbit; Standard Draize test. : 1440 mg/6H; Moderate. (RTECS)
Skin:	Skin - Rabbit; Open irritation test : 555 mg; mild. (RTECS)
Inhalation:	Inhalation - Rat LC: >200 mg/m3/4H; Details of toxic effects not reported other than lethal dose value Inhalation - Mouse LC: >200 mg/m3/2H; Details of toxic effects not reported other than lethal dose value (RTECS)
Ingestion:	Ingestion - Rat LD50: 4700 mg/kg; Details of toxic effects not reported other than lethal dose value. (RTECS)

Titanium dioxide :

Skin:	Skin - Rabbit; Standard Draize test. : 300 ug/3D; (Intermittent) mild. (RTECS)
Ingestion:	Ingestion - Rat TDLo: 60 gm/kg; Gastrointestinal - Hypermotility, diarrhea Gastrointestinal - Other changes. (RTECS)
Carcinogenicity:	IARC: Group 2B: Possibly carcinogenic to humans.

SECTION 12 - ECOLOGICAL INFORMATION

Ecotoxicity:	No ecotoxicity data was found for the product.
Environmental Fate:	No environmental information found for this product.

SECTION 13 - DISPOSAL CONSIDERATIONS

Waste Disposal:	Consult with the US EPA Guidelines listed in 40 CFR Part 261.3 for the classifications of hazardous waste prior to disposal. Furthermore, consult with your state and local waste requirements or guidelines, if applicable, to ensure compliance. Arrange disposal in accordance to the EPA and/or state and local guidelines.

SECTION 14 - TRANSPORT INFORMATION

DOT UN Number:	No Data

DOT Hazard Class:	No Data

SECTION 15 - REGULATORY INFORMATION

California PROP 65:	WARNING: This product contains a chemical known to the state of California to cause cancer and birth defects or other reproductive harm.

2-Propenoic acid, polymer with butyl 2-propenoate and ethenylbenzene :

TSCA Inventory Status:	Listed
Canada DSL:	Listed

Ethanol, 2-(2-butoxyethoxy)- :

TSCA Inventory Status:	Listed
Canada DSL:	Listed

Ethylene Glycol :

TSCA Inventory Status:	Listed
State Regulations:	Listed in the New Jersey State Right to Know List. Listed in the Pennsylvania State Hazardous Substances List.
Canada DSL:	Listed

Nepheline Syenite :

TSCA Inventory Status:	Not listed
Canada DSL:	Listed

Titanium dioxide :

TSCA Inventory Status:	Listed
State Regulations:	Listed in the New Jersey State Right to Know List. Listed in the Pennsylvania State Hazardous Substances List.
Canada DSL:	Listed

SECTION 16 - ADDITIONAL INFORMATION

HMIS Health Hazard:	1
HMIS Fire Hazard:	1
HMIS Reactivity:	0
HMIS Personal Protection:	x
MSDS Creation Date:	June 26, 2006
MSDS Revision Date:	June 02, 2010
MSDS Revision Notes:	Product code change
MSDS Author:	Actio Corporation
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