

MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: ASTEC RINSEABLE PRIMER

PART NUMBER:

GENERAL USE: Protective coating

PRODUCT DESCRIPTION: Clear to pink liquid, mild odor



MANUFACTURER'S NAME Insulating Coatings Corporation		DATE PREPARED: April 1, 2008	Page 1 of 4
ADDRESS (NUMBER, STREET, P.O. BOX) 956 South Hwy 41		SUPERSEDES: October 23, 2007	
(CITY, STATE AND ZIP CODE) Inverness, FL 34450		COUNTRY USA	TELEPHONE NUMBER FOR INFORMATION (800) 345-5306
DISTRIBUTOR'S NAME Same		EMERGENCY TELEPHONE NUMBER ChemTel Inc. 1- (800) 255-3924 Intl. + 01 (813) 248-0585	
ADDRESS (NUMBER, STREET, P.O. BOX)		TELEPHONE NUMBER FOR INFORMATION	
(CITY, STATE AND ZIP CODE)		EMERGENCY TELEPHONE NUMBER	

SECTION 2 - HAZARDOUS INGREDIENTS

HAZARDOUS COMPONENTS	% (by weight)	CAS #	EINECS #	Hazard Symbol	RISK PHRASES Full Text Section 16
Proprietary Inorganic salts (a,b)	9.0 - 11.0	Not specified	Not specified	C	R-34, 20/22
Anionic / nonionic surfactant mixture (a)	1.0 - 3.0	Not specified	Not specified	Xi	R-36/38

(a) The specific product is not identified due to "Trade Secret" status. In emergency situations further information may be obtained by the on - duty physician calling the emergency information number listed above. Reference 29 CFR 1910.1200 and / or 40 CFR 350.

(b) The Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) has notification requirements for releases or spills to the environment of the Reportable Quantity (RQ for this mixture = 100 lbs) or greater amounts, according to 40 CFR 302.

SECTION 3 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Causes chemical burns to eyes. Causes severe digestive tract irritation.. Causes severe respiratory tract irritation. Causes skin irritation.
Hazard Symbols for this product: C, Risk Phrases - R34, 37/38

POTENTIAL HEALTH EFFECTS

INHALATION: Corrosive and irritating to upper respiratory tract and mucous membranes.

SKIN: Corrosive and irritating; chemical burns may result from contact; severe irritant.

EYES: CORROSIVE; Contact with eyes is painful and irritating and will cause chemical burns.

INGESTION: Corrosive and irritating to digestive tract; may cause gastric distress, stomach pains and vomiting.

CARCINOGENICITY NTP? No IARC MONOGRAPHS? No OSHA REGULATED? No

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: ASTEC RINSEABLE PRIMER
 April 1, 2008

Page 2 of 4

SECTION 4 - FIRST AID MEASURES

INHALATION: Remove affected person to fresh air; wash mouth and nasal passages with water repeatedly; if breathing difficulties persist seek medical attention.

SKIN: Wash contacted area with soap and water; DO NOT attempt to neutralize with chemical agents; if irritation persists, seek medical attention.

EYES: Check for and remove contact lenses. Immediately flush eyes for 15 minutes in clear running water while holding eyelids open; seek medical attention immediately.

INGESTION: Drink large quantities of water or milk; give diluted vinegar or lemon juice to conscious person; DO NOT induce vomiting; seek medical attention immediately.

SECTION 5 - FIRE FIGHTING MEASURES

GENERAL HAZARDS: Product is corrosive. Products of combustion include compounds of carbon, hydrogen and oxygen, including carbon monoxide.

EXTINGUISHING MEDIA
 Carbon dioxide, water, water fog, dry chemical, chemical foam.

FIRE FIGHTING PROCEDURES
 Keep containers cool with water spray to prevent container rupture due to steam buildup; floor will become slippery if material is released.
 CAUTION - material is corrosive.

UNUSUAL FIRE AND EXPLOSION HAZARDS
 None

HAZARDOUS COMBUSTION PRODUCTS
 Smoke, fumes or vapors, oxides of carbon.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: CAUTION - CORROSIVE. Wash small spills to sanitary sewer. Large spills - confine spill, soak up with approved absorbent, shovel product into approved container for disposal. For spills in excess of allowable quantities (RQ) notify the National Response Center (800) 424 - 8802; refer to CERCLA 40 CFR 302 for detailed instructions concerning reporting requirements.

SECTION 7 - HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Keep container closed when not in use; protect containers from abuse; protect from extreme temperatures. Separate from oxidizing materials, metallic powders and other easily oxidized organic materials and reducing agents. CAUTION - material is corrosive. Keep this and other chemicals out of reach of children.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

HAZARDOUS COMPONENTS	NIOSH				ACGIH			
	TWA ppm	TWA mg/m3	STEL ppm	STEL mg/m3	TWA ppm	TWA mg/m3	STEL ppm	STEL mg/m3
Proprietary Inorganic salts (a,b)	Not established				Not established			
Anionic / nonionic surfactant mixture (a)	Not established				Not established			

PERSONAL PROTECTION:

RESPIRATORY PROTECTION: None required while threshold limits are kept below maximum allowable concentrations; if TWA exceeds limits, NIOSH approved respirator must be worn. Refer to 29 CFR 1910.134, ANSI Z88.2, or European Standard EN 149 for complete regulations.

PROTECTIVE GLOVES: Neoprene, butyl or nitrile rubber gloves with cuffs.

EYE PROTECTION: Chemical splash goggles. Refer to 29 CFR 1910.133, ANSI Z87.1, or European Standard EN166.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Coveralls, apron, or other equipment should be worn to prevent skin contact, safety eyewash station nearby.

WORK / HYGIENIC PRACTICES: Practice safe workplace habits. Minimize body contact with this, as well as all chemicals in general.

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: ASTEC RINSEABLE PRIMER
 April 1, 2008

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR Clear to pink liquid, mild odor	VAPOR PRESSURE 22.7 mm Hg @ 20° C
pH 13.0 - 13.5	SPECIFIC GRAVITY (WATER = 1) Not specified
BOILING POINT / BOILING RANGE 212F (100° C)	SOLUBILITY IN WATER Complete
FLASH POINT Non-flammable	VISCOSITY Like that of water
FLAMMABLE LIMITS LEL: Not applicable UEL: Not applicable	VAPOR DENSITY (AIR = 1) < 1
AUTOIGNITION TEMPERATURE Not determined	EVAPORATION RATE (WATER = 1) < 1

SECTION 10 - STABILITY AND REACTIVITY

STABILITY UNSTABLE: STABLE: X	CONDITIONS TO AVOID: Extreme temperatures. Contact with active metals can release flammable hydrogen gas.
INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizers, strong acids, strong alkalies.	
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Decomposition will not occur if handled and stored properly. In case of a fire, oxides of carbon, hydrocarbons, fumes or vapors, and smoke may be produced.	
HAZARDOUS POLYMERIZATION MAY OCCUR: WILL NOT OCCUR: X	CONDITIONS TO AVOID: None

SECTION 11 - TOXICOLOGICAL INFORMATION

Hazardous Components	CAS # EINECS #	LD50 of Ingredient (Specify Species and Route)	LC50 of Ingredient (Specify Species)
Proprietary Inorganic salts (a,b)	Not specified Not specified	Not specified	Not specified
Anionic / nonionic surfactant mixture (a)	Not specified Not specified	700 mg / kg Oral - rat	> 21.5 mg / L Inhalation - rat
Mixture as supplied		> 2,000 mg/ kg Oral - rat	Not specified

SECTION 12 - ECOLOGICAL INFORMATION

Acute Alga Toxicity, seawater (ISO 10253)	72 hr	Marine Algae (Skeletonema costatum)	EbC50	ErC50
Acute Toxicity, freshwater (OECD 203)	96 hr	Rainbow Trout (Oncorhynchus mykiss)	LC50	>1000 mg / l
Acute Alga Toxicity, seawater (ISO 10253)	96 hr	Marine Algae (Selenastrum capricornutum)	EC50	500 mg / l
Acute Immobilization (OECD 202)	48 hr	Water Flea (Daphnia magna)	EC50	> 1000 mg / l
Acute Invertebrate Toxicity, seawater (PARCOM)	48 hr	Marine Copepod (Acartia tonsa)	EC50	

SECTION 13 - DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Dispose of in accordance with local, state, and federal regulations. Refer to 40 CFR 260 - 299 for complete waste disposal regulations for corrosive materials. Consult your local, state, or federal agency before disposing of any chemicals. According to the European Waste Catalogue, waste codes are application specific and should be assigned by the user based on the application for which the product is used.

SECTION 14 - TRANSPORT INFORMATION

PROPER SHIPPING NAME: Caustic alkali liquids, n.o.s. (inorganic salts)	IATA HAZARD CLASS / Packaging Group: 8 / III
DOT HAZARD CLASS / Packaging Group: 8 / III	IMDG HAZARD CLASS: 8 / III
REFERENCE: 49 CFR 173.154, .203, .241	RID / ADR Dangerous Goods Code: 8
UN / NA IDENTIFICATION NUMBER: UN 1719	UN TDG Class / Packaging Group: 8 / III
LABEL: CORROSIVE	Hazard Identification Number (HIN): 80
HAZARD SYMBOLS: C	

Note: Transportation information provided is for reference only. Client is urged to consult 49 CFR 100 - 177, IMDG, IATA, EU, United Nations TDG, and WHMIS (Canada) TDG information manuals for detailed regulations and exceptions covering specific container sizes, packaging materials and methods of shipping.

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: ASTEC RINSEABLE PRIMER
 April 1, 2008

SECTION 15 - REGULATORY INFORMATION

TSCA (USA - Toxic Substance Control Act)

All components of this product are listed on the U.S. Toxic Substances Control Act Chemical Inventory (TSCA Inventory) or are exempted from listing because a Low Volume or Polymer Exemption has been granted in accordance with 40 CFR 723.50.

SARA TITLE III (USA - Superfund Amendments and Reauthorization Act)

311/312 Hazard Categories
 Immediate health

313 Reportable Ingredients:
 None

CERCLA (USA - Comprehensive Response Compensation and Liability Act)

The Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) has notification requirements for releases or spills to the environment of the Reportable Quantity (RQ for this mixture 100 lbs) or greater amounts, according to 40 CFR 302.

California Prop 65, Safe Drinking Water and Toxic Enforcement Act of 1986

There are no reportable chemicals present known to the state of California to cause cancer or reproductive toxicity.

CPR (Canadian Controlled Products Regulations)

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations. WHMIS Classification: E, D2B

IDL (Canadian Ingredient Disclosure List)

Components of this product identified by CAS number and listed on the Canadian Ingredient Disclosure List are shown in Section 2.

DSL / NDSL (Canadian Domestic Substances List / Non-Domestic Substances List)

Components of this product identified by CAS number are listed on the DSL or NDSL, or are otherwise in compliance with the New Substances Notification (NSN) regulations. Only ingredients classified as "hazardous" are listed in Section 2 unless otherwise indicated.

EINECS (European Inventory of Existing Commercial Chemical Substances)

Components of this product identified by CAS numbers are on the European Inventory of Existing Commercial Chemical Substances.

WGK Water Quality Index: Not determined

VbK Index: Not applicable

RISK PHRASES:

R34 Causes burns.
 R37/38 Irritating to respiratory system and skin.

SYMBOL(S) REQUIRED FOR LABEL

Corrosive



SAFETY PHRASES:

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
 S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.
 S45 In case of accident or if you feel unwell, seek medical advice immediately (show the label whenever possible.)

SECTION 16 - OTHER INFORMATION

Notes & full R-Phrase text

R34 Causes burns.
 R36/38 Irritating to eyes and skin.
 R37/38 Irritating to respiratory system and skin.

HMIS HAZARD RATINGS

HEALTH	3	* = Chronic Health Hazard	2 = MODERATE
FLAMMABILITY	0	0 = INSIGNIFICANT	3 = HIGH
PHYSICAL HAZARD	0	1 = SLIGHT	4 = EXTREME
PERSONAL PROTECTIVE EQUIPMENT	C	Safety Glasses, Gloves, Apron	

REVISION SUMMARY:

This MSDS has been revised in the following sections:
 Complete format revision

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The information contained herein is believed to be accurate but is not warranted to be so. Data and calculations are based on information furnished by the manufacturer of the product and manufacturers of the components of the product. Users are advised to confirm in advance of need that information is current, applicable and suited to the circumstances of use. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed. Any questions regarding this product should be directed to the manufacturer of the product as described in Section 1.