

**SECTION 1 - CHEMICAL NAME AND MANUFACTURER**

<b>Product Name:</b>	IsoPrime Plus™
<b>Application:</b>	Primer
<b>Chemical description:</b>	Rust Conversion Primer for Metal
<b>Mixture/substance:</b>	Mixture
<b>Composition:</b>	Mixture
<b>Manufacturer:</b>	Isothermal Protective Coatings, Inc. 1950 Oday Road Pearland, TX 77581 Phone: (866) 232-2026

**SECTION 2 - HAZARD(S) IDENTIFICATION**



**DANGER!**

<b>Emergency overview:</b>	Acute Aquatic Toxicity
<b>Hazard statements:</b>	Harmful if inhaled. Causes moderate skin irritation and serious eye damage. Toxic to aquatic life.
<b>Precautionary statements:</b>	
<i>Eye:</i>	Eye contact may cause moderate to severe eye irritation. Eye contact may result in tearing and reddening, but not likely to permanently injure eye tissue. Temporary vision impairment (cloudy or blurred vision) is possible.
<i>Skin:</i>	Can cause moderate skin irritation, defatting, and dermatitis. Not likely to cause permanent damage. Avoid unnecessary exposure.
<i>Inhalation:</i>	Can cause moderate respiratory irritation. Inhalation of high concentrations may result in central nervous system (CNS) impairment such as dizziness, weakness, fatigue, nausea, headache, and lack of coordination. This product contains one or more materials that may be hazardous when present as an airborne dust. During normal handling of this product, such material(s) are encapsulated within the product and will not present an exposure risk. Once the product has reached its final state and is abraded or disturbed, dusting and exposure may occur.
<i>Ingestion:</i>	Ingestion is not an anticipated route of exposure. Harmful if swallowed. Seek medical attention

**SECTION 2 - HAZARD(S) IDENTIFICATION (CONTINUED)**

<b>Long-term (chronic) health effects:</b>	Central Nervous System, Lungs, Kidneys
<b>Target organ(s):</b>	
<b>Regulated carcinogen status:</b>	Unless noted below, this product does not contain regulated levels of NTP, IARC, ACGIH, or OSHA listed carcinogens.
<b>Existing health conditions affected by exposure:</b>	Lung disease; Kidney disease

This product is classified as a Hazardous product.  
Wear Personal Protective Equipment recommended to minimize exposure. See SECTION 8.  
Use this product only in the manner or application that it was intended for.

**HMIS Rating**

<b>Health</b>	<b>2</b>
<b>Fire</b>	<b>1</b>
<b>Reactivity</b>	<b>0</b>
<b>Personal Protection</b>	<b>B</b>

- 4 - Extreme
- 3 - High
- 2 - Moderate
- 1 - Slight
- 0 - Insignificant

**SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS**

Based on data available to Isothermal Protective Coatings, Inc., unlisted ingredients are not 'hazardous' per the Occupational Safety and Health Administration Hazard Communication Standard (29 CFR 1910.1200). The composition of this compound is proprietary information. In the event of a medical emergency, detailed information will be provided to a nurse or physician.

Components	CAS Number	Amount %
<b>Glycol Ether DB</b>	112-34-5	10-30
<b>TEXANOL Ester Alcohol</b>	25265-71-4	1-10
<b>DOWFAX 2A1 SOLUTION SURFACTANT</b>	119345-04-9	1-10
<b>32746 SURFYNOL 104H SURFACTANT</b>	107-21-1	1-10
<b>Anhydrous Ammonia</b>	7664-41-7	5-10



**SECTION 4 - FIRST AID MEASURES**

<b>Inhalation:</b>	Remove to fresh air. Restore breathing, if necessary. Call a physician if symptoms persist.
<b>Ingestion:</b>	Do not induce vomiting. Seek medical attention immediately. Drink two glasses of water or milk to dilute. Do not give anything by mouth to an unconscious person. Induced vomiting may lead to aspiration of the material into the lungs potentially causing chemical pneumonitis that may be fatal.
<b>Skin:</b>	Wash with soap and water. Remove contaminated clothing and laundry. Get medical attention if irritation develops or persists.
<b>Eye:</b>	Immediately flush eyes with plenty of water for at least 20 minutes retracting eyelids often. Tilt the head to prevent chemical from transferring to the uncontaminated eye. Get immediate medical attention and monitor the eye daily as advised by your physician.

**SECTION 5 - FIRE FIGHTING MEASURES AND PROPERTIES**

<b>Flash point:</b>	64°C, 147°F
<b>Extinguishing agents:</b>	Use water spray, foam, dry chemical or carbon dioxide
<b>Unusual fire and explosion hazards:</b>	Material will burn in a fire
<b>Special procedures:</b>	Persons exposed to products of combustion should wear self-contained breathing apparatus and full protective equipment
<b>Hazardous decomposition products:</b>	Carbon dioxide, Carbon monoxide Chlorine containing gases

**SECTION 6 - ACCIDENTAL RELEASE MEASURES**

<b>Special protection:</b>	No adverse health effects expected from the clean-up of spilled material. Follow personal protective equipment recommendations found in Section 8 of this SDS.
<b>Clean-up:</b>	Scrape up and place in disposal container.

**SECTION 7 - HANDLING AND STORAGE**

<b>Storage conditions:</b>	Store in a cool, dry, ventilated location. Keep away from heat, sparks, flame and other sources of ignition. Keep container closed.
<b>Handling procedures:</b>	No special handling requirements due to toxicity.



## SECTION 8 - EXPOSURE CONTROL / PERSONAL PROTECTION

### Personal Protection Measures

<i>Gloves:</i>	Butyl rubber or nitrile gloves are recommended.
<i>Respiratory protection:</i>	Respiratory protection may be required to avoid overexposure when handling this product. Use a respirator if general room ventilation is not available or sufficient to eliminate symptoms. A NIOSH approved air purifying respirator with an organic vapor cartridge is recommended. Respirators should be selected by and used following requirements found in OSHA's respirator standard (29 CFR 1910.134).
<i>Eye protection:</i>	Wear safety glasses with side shields when handling this product.
<i>Skin protection:</i>	Avoid skin contact by wearing chemically resistant gloves and a long sleeved shirt.

### Facility control measures

<i>Ventilation:</i>	Use local exhaust ventilation or other engineering controls to minimize exposures.
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## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

### Typical Physical Properties

<i>Appearance (physical state, color):</i>	White Gel
<i>pH:</i>	6
<i>Weight per gallon (lbs.):</i>	12.0
<i>Solids (% by weight):</i>	60.3%
<i>Upper flammability or explosive limits:</i>	N/A
<i>Lower flammability or explosive limits:</i>	Not established
<i>Boiling point:</i>	Not established
<i>Flash point:</i>	64°C, 147°F
<i>Flammability (gas/solid):</i>	Gas
<i>Auto ignition temperature:</i>	Not established
<i>Decomposition temperature:</i>	Not established
<i>Odor:</i>	Solvent, Aromatic pre-cure
<i>Odor threshold:</i>	Not established
<i>Specific gravity (water=1):</i>	1.4-1.5 (Aerosols): Not established
<i>Vapor pressure:</i>	Not established
<i>Vapor density (air=1):</i>	Not established
<i>VOC (w/water):</i>	2.45%
<i>Octanol/water coefficient:</i>	Not established



**SECTION 10 - STABILITY AND REACTIVITY**

<b>Chemical Stability:</b>	Stable under normal conditions
<b>Hazardous polymerization:</b>	Will not occur
<b>Incompatibility:</b>	Strong oxidizing agents
<b>Hazardous decomposition products:</b>	Carbon monoxide, carbon dioxide, chlorine containing gases, nitrogen containing gases

**SECTION 11 - TOXICOLOGY INFORMATION**

Chemical name	LD50/LC50
<b>Gycol Ether DB</b>	DB LC 50 Bluegill (Leomis macrochirus) 1300 mg/l
<b>Texanol Ester Alcohol</b>	Oral Rat 6500 mg/kg
<b>DOWAFX 2A1 Solution Surfactant</b>	Oral Rat >2000 mg/kg No deaths occurred at this concentration
<b>32746 Surfynol 104H Surfactant</b>	Oral LD50 Rat 4700 mg/kg
<b>Anhydrous Ammonia</b>	LC 50 - 0.1ppm 24 hours - RainbowTrout 8.2 mg/L 96hours - Fathead Minnow 0.1ppm 48hours - Bluegill

TOXICOLOGY SUMMARY: No additional health information available.

**SECTION 12 - ECOLOGICAL INFORMATION**

OVERVIEW: Volatile Organic Content: 79.25 g VOC/liter of material (VOC theoretically determined using EPA Reference method 24)

**SECTION 13 - DISPOSAL CONSIDERATIONS**

To the best of our knowledge, this product does not meet the definition of hazardous waste under the U.S. EPA Hazardous Waste Regulations 40 CFR 261. Dispose of in accordance with federal, state, and local law. Consult your state, local or provincial authorities and your local waste vendor for more restrictive requirements.

**SECTION 14 - TRANSPORT INFORMATION**

Consult Bill of Lading for transportation information. DOT: NOT REGULATED IATA: NOT REGULATED



**SECTION 15: REGULATORY INFORMATION**

**INVENTORY STATUS:** U.S. EPA TSCA: This product is in compliance with the Toxic Substances Control Act's Inventory requirements. If you need more information about the inventory status of this product, call 651-236-5858.

This product may contain chemical substances that are regulated for export by various government agencies (such as the Environmental Protection Agency, the Bureau of Industry and Security, or the Drug Enforcement Administration, among others).

**FEDERAL REPORTING: EPA SARA Title III Section 313**

Unless listed below, this product does not contain 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 72. EPA has advised that when a percentage range is listed the midpoint may be used to fulfill reporting obligations.

Chemical Name	CAS Number	Amount %
Glycol Ether DB	112-34-5	10-30%
Texanol Ester Alcohol	25265-71-4	1-10%
Dowfax 2A1 Solution Surfactant	119345-04-9	1-10%
32746 Surfynol 104H Surfactant	107-21-1	1-10%
Anhydrous Ammonia	7664-41-7	5-10%

**WHMIS STATUS:** Unless listed below, this product is not controlled under the Canadian Workplace Hazardous Materials Information System. D2A

**SECTION 16: OTHER INFORMATION**

**PREPARATION DATE:** 07/09/2019

This Safety Data Sheet is prepared to comply with the United States Occupational Safety and Health Administration (OSHA) Hazard Communication Standard (29 CFR 1910.1200).

The information and recommendations set forth herein are believed to be accurate. Because some of the information is derived from information provided to Edge Adhesives from its suppliers, and because Edge Adhesives has no control over the conditions of handling and use, Edge Adhesives makes no warranty, expressed or implied, regarding the accuracy of the data or the results to be obtained from the use thereof. The information is supplied solely for your information and consideration, and Edge Adhesives assumes no responsibility for use or reliance thereon. It is the responsibility of the user of Edge Adhesives products to comply with all applicable federal, state and local laws and regulations.