

### SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

<b>PRODUCT NAME:</b>	<b>13TR-5 Rust Inhibitive Primer</b>	
<b>CHEMICAL FAMILY NAME:</b>	Water based acrylic coating	
<b>U.N. NUMBER</b>	Not Regulated	
<b>U.N. DANGEROUS GOODS CLASS:</b>	Not Regulated	
<b>SUPPLIER/MANUFACTURER'S NAME:</b>	<b>Progressive Materials, LLC</b>	
<b>ADDRESS:</b>	540 Central Ct, New Albany, IN 47150 USA	
<b>EMERGENCY PHONE:</b>	TOLL-FREE in USA/Canada - Chemtrec:	1-800-424-9300
	National Poison Control Center (U.S.):	1-800-222-1222
<b>BUSINESS PHONE:</b>	812-944-7771 (Product Information)	
<b>WEBSITE:</b>	www.totalroofcoatings.com	
<b>DATE OF CURRENT REVISION:</b>	December 1, 2016	
<b>DAVE OF LAST REVISION:</b>	December 1, 2016	

### SECTION 2 - HAZARDS IDENTIFICATION

**EMERGENCY OVERVIEW:**

**Product Description:** This product is a viscous liquid, red in color.

**Health Hazards:** Causes serious eye irritation with symptoms of reddening, tearing, swelling, and burning. May cause allergic skin reaction with symptoms of reddening, itching, swelling, and rash.

**Flammability Hazards:** None known.

**Reactivity Hazards:** Hazardous polymerization does not occur.

**Environmental Hazards:** None known.

**Emergency Considerations:** Cleanup personnel must use appropriate personal protective equipment. Cover spill with inert material (e.g. dry sand or earth) and collect for proper disposal.

**US DOT SYMBOLS**

Not regulated

**CANADA (WHIMS) SYMBOLS**

Not regulated

**EUROPEAN AND (GHS) HAZARD SYMBOLS**



Signal Word: Warning

See Section 14 for Details

**GHS Classification of Substance or Mixture In Accordance with 29 CFR 1200 (OSHA HCS) and The European Union Directives:**

This product meets the definition of a hazardous substance or preparation as defined by 29 CFR 1910. 1200 AND the European Union Council Directives 67/548/EEC, 1999/45/EC, 1272/2008/EC and subsequent Directives.

**Component(s) Contributing to Classification(s):**

Zinc Phosphate; 2-N-octyl-4-isothiazoline-3-one

**GHS Hazard Classifications:**

- Skin corrosion/irritation Category 2
- Serious eye damage/irritation Category 2
- Skin sensitization Category 1

**Hazard Statements:**

- H317: May cause an allergic skin reaction
- H319: Causes serious eye irritation
- H411: Toxic to aquatic life with long-lasting effects

**Precautionary Statements:**

**Health Hazards or Risks from Exposure:**

**Acute:** Causes serious eye irritation with symptoms of reddening, tearing, swelling, and burning. May cause allergic skin reaction with symptoms of reddening, itching, swelling, and rash.

- P201: Obtain special instructions before use
- P202: Do not handle until all safety precautions have been read and understood
- P261: Avoid breathing dust, mist, gas, vapors, or spray
- P264: Wash skin and face thoroughly after handling
- P272: Contaminated work clothing must not be allowed out of the workplace
- P280: Wear permeation resistant protective gloves and clothing. Wear eye and face protection.



# SAFETY DATA SHEET

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**Chronic:** None

**Target Organs:**

**Acute:** None

**Chronic:** None

### SECTION 3 - COMPOSITION and INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS	CAS #	EINECS #	ICSC #	WT %	HAZARD CLASSIFICATION; RISK PHRASES
Zinc Phosphate	7779-90-0	Not Listed in ESIS	Not Listed	10-25%	Aquatic Acute/Chronic
2-N-octyl-4-isothiazoline-3-one	26530-20-1	Not Listed in ESIS	Not Listed	0.1-1%	Skin Sensitization Acute toxicity Aquatic Acute/Chronic
Balance of other ingredients are non-hazardous or less than 1% in concentration (or 0.1% for carcinogens, reproductive toxins, or respiratory sensitizers).					

**Target Organs:** ALL WHMIS required information is included in appropriate sections based on the ANSI Z400.1-2010 format. This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all the information required by the CPR, EU Directives and the Japanese Industrial Standard JIS Z 7250: 2000.

### SECTION 4 - FIRST-AID MEASURES

**Inhalation:** Move to fresh air

**Eye Contact:** In case of contact, flush eyes with plenty of lukewarm water for at least 15 minutes. Get medical attention if irritation develops.

**Skin Contact:** In case of skin contact, wash affected areas with soap and water. Immediately remove contaminated clothing and shoes. Get medical attention if irritation develops and persists.

**Inhalation:** If inhaled, remove to fresh air. Get medical attention if irritation develops.

**Ingestion:** If ingested, give 2 glasses of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention. Never give anything by mouth to an unconscious person.

### SECTION 5 - FIRE-FIGHTING MEASURES

<b>Flash Point:</b>	Non-combustible
<b>Autoignition Temperature:</b>	Not applicable
<b>Flammable Limits (in air by volume, %):</b>	Lower (LEL): Not applicable      Upper (UEL): Not applicable
<b>Fire Extinguishing Materials:</b>	No data available.
<b>Unusual Fire and Explosion Hazards:</b>	Material can splatter above 100C/212°F. Dried product can burn.
<b>Explosion Sensitivity to Mechanical Impact:</b>	Not Sensitive.
<b>Explosion Sensitivity to Static Discharge:</b>	Not Sensitive.
<b>Special Fire-Fighting Procedures:</b>	Firefighters should be equipped with self-contained breathing apparatus to protect against normal combustion products and/or oxygen deficiency.

### SECTION 6 - ACCIDENTAL RELEASE MEASURES

**Spill and Leak Response:** Cleanup personnel must use appropriate personal protective equipment. Cover spill with inert material (e.g. dry sand or earth) and collect for proper disposal.

**Environmental Precautions:** Very toxic to aquatic life with long lasting effects.

### SECTION 7 - HANDLING and STORAGE

**Work Practices and Hygiene Practices:** Employees should wash their hands and face before eating, drinking, or using tobacco products. Educate and train employees in the safe use and handling of this product. Promptly remove soiled clothing and wash thoroughly before reuse. Emergency showers and eye wash stations should be available.



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**Handling/Storage Precautions:** Protect from freezing. Handle containers carefully to prevent damage and spillage. Incompatible materials: No known incompatible materials for this product. Recommended storage range is 45 - 90°F. Keep container tightly closed.

**Container Precautions:** Recondition or dispose of empty container in accordance with governmental regulations. Do not reuse empty container without proper cleaning.

### SECTION 8 - EXPOSURE CONTROLS - PERSONAL PROTECTION

#### Exposure Limits/Guidelines:

COMPONENT	CAS-No.	AGENCY	LIMIT TYPE
Zinc Phosphate (7779-90-0)	7779-90-0	OSHA ACGIH NIOSH	No established limit No established limit No established limit
2-N-octyl-4-isothiazoline-3-one	26530-20-1	OSHA ACGIH NIOSH	No established limit No established limit No established limit

**Ventilation and Engineering Controls:** General dilution and local exhaust as necessary to control airborne vapors, mists, dusts and thermal decomposition products below appropriate airborne concentration standards/guidelines.

**Respiratory Protection:** In case of insufficient ventilation or exposure to concentrations above the exposure limit, wear suitable respiratory equipment.

**Hand Protection:** Permeation resistant gloves

**Eye Protection:** Splash proof goggles.

**Skin Protection:** Wear cloth work clothing including long pants and long-sleeved shirts.

**Additional Protective Measures:** Employees should wash their hands and face before eating, drinking, or using tobacco products. Educate and train employees in the safe use and handling of this product. Promptly remove soiled clothing and wash thoroughly before reuse. Emergency showers and eye wash stations should be available.

### SECTION 9 - PHYSICAL and CHEMICAL PROPERTIES

Physical State:	Liquid
Appearance & Odor	Viscous liquid, Red in color
Odor Threshold (PPM):	No data available
Vapor Pressure (mmHg):	>1
Vapor Density:	No data available
Evaporation Rate (nBuAc = 1):	Less than 1
Boiling Point (C°):	100 °C (212 °F) similar to water
Freezing Point (C°):	0°C (32 °F) similar to water
pH:	No data available
Specific Gravity 20°C (Water = 1):	No data available
Solubility in Water (%)	Dispersible

### SECTION 10 - STABILITY and REACTIVITY

**Stability:** Stable under normal circumstances

**Decomposition Products:** Acrylic monomers

**Materials with Which Substance Is Incompatible:** None known.

**Hazardous Polymerization:** Will not occur.

**Conditions to Avoid:** None known.



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## SECTION 11 - TOXICOLOGICAL INFORMATION

### Toxicity Data:

7779-90-0 LD50 Acute Oral Toxicity	>5,000 mg/kg	Rat
26530-20-1 LD50 Acute Oral Toxicity	550 mg/kg	Rat
26530-20-1 LD50 Acute Dermal Toxicity	690 mg/kg	Rat
26530-20-1 LD50 Acute Inhalation Toxicity	0.27 mg/L/4hr	Rat

**Suspected Cancer Agent:** None known

**Irritancy of Product:** None known

**Sensitization of Product:** Not available

**Reproductive Toxicity Information:** Not available

**SPECIFIC TARGET ORGAN TOXICITY – SINGLE EXPOSURE:** None known

**SPECIFIC TARGET ORGAN TOXICITY – REPEATED EXPOSURE:** None known

**ASPIRATION HAZARD:** None known

## SECTION 12 - ECOLOGICAL INFORMATION

### ALL WORK PRACTICES MUST BE AIMED AT ELIMINATING ENVIRONMENTAL CONTAMINATION.

**Environmental Stability:** No specific data is available for this product; however this product is not expected to be readily biodegradable

**Effect of Material on Plants or Animals:** No specific data is currently available on this product's effects on plants or animals.

**Effect of Chemical on Aquatic Life:** Very toxic to aquatic life with long lasting effects.

### **Specific Component Data:**

None available.

### **Test & Species Conditions:**

None available.

## SECTION 13 - DISPOSAL CONSIDERATIONS

**Preparing Wastes for Disposal:** Waste disposal should be in accordance with existing federal, state and local environmental control laws.

**RCRA Waste Code:** None listed.

**EU Waste Code:** None listed.

## SECTION 14 - TRANSPORTATION INFORMATION

### US DOT; IATA; IMO; ADR:

**THIS PRODUCT IS NOT CLASSIFIED AS DANGEROUS GOODS AS DEFINED BY 49 CFR 172.101 BY THE U.S. DEPARTMENT OF TRANSPORTATION.**

This product has been tested to the ASTM D-4206 Standard and determined that it does not sustain combustion. As result it is exempt from regulations when shipped ground or rail within the U.S.A.

**PROPER SHIPPING NAME:** Non-Regulated when shipped ground or rail with U.S.A.

**HAZARD CLASS NUMBER and DESCRIPTION:** None

**UN IDENTIFICATION NUMBER:** None

**PACKING GROUP:** None

**DOT LABEL(S) REQUIRED:** None

**NORTH AMERICAN EMERGENCY RESPONSE GUIDEBOOK NUMBER (2004):** None

**MARINE POLLUTANT:** Very toxic to aquatic life with long lasting effects

### TRANSPORT CANADA, TRANSPORTATION OF DANGEROUS GOODS REGULATIONS:

This product is not classified as Dangerous Goods, per regulations of Transport Canada.



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### INTERNATIONAL AIR TRANSPORT ASSOCIATION (IATA):

**PROPER SHIPPING NAME:** Non regulated

**HAZARD CLASS NUMBER and DESCRIPTION:** Non regulated

**PACKING GROUP:** Non regulated

**DOT LABEL(S) REQUIRED:** Non regulated

### INTERNATIONAL MARITIME ORGANIZATION (IMO) DESIGNATION:

This product is not classified as Dangerous Goods by the International Maritime Organization.

### EUROPEAN AGREEMENT CONCERNING THE INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY ROAD

#### (ADR):

This product is not classified by the United Nations Economic Commission for Europe to be dangerous goods.

**Harmonized Tariff Code:** Not Listed

## SECTION 15 - REGULATORY INFORMATION

### United States Regulations:

**SARA Reporting Requirements:** This product is not subject to the reporting requirements of Sections 302, 304 and 313 of Title III of the Superfund Amendments and Reauthorization Act., as follows: Chronic health hazard

**TSCA:** All components in this product are listed on the US Toxic Substances Control Act (TSCA) inventory of chemicals.

**SARA 311/312:** Acute No      Chronic Health: Yes      Fire: No      Reactivity: No

**U.S. SARA Threshold Planning Quantity:** There are no specific Threshold Planning Quantities for this product. The default Federal MSDS submission and inventory requirement filing threshold of 10,000 lb (4,540 kg) may apply, per 40 CFR 370.20.

**U.S. CERCLA Reportable Quantity (RQ):** None

**California Safe Drinking Water And Toxic Enforcement Act (Proposition 65):** This product contains trace levels of a component or components known to the state of California to cause cancer: Dioxane; Acetaldehyde

### Canadian Regulations:

**Canadian DSL/NDSL Inventory Status:** All of the components of this product are on the DSL Inventory

**Canadian Environmental Protection Act (CEPA) Priorities Substances Lists:** No component of this product is on the CEPA First Priorities Substance Lists.

**Canadian WHMIS CLASSIFICATION and SYMBOLS:** This product is categorized as a Class B Division 3 Combustible liquid, and Class D Division 2B Materials causing other toxic effects, as per the Controlled Product Regulations.

### European Economic Community Information:

**EU Labeling and Classification:** Classification of the mixture according to Regulation (EC) No1272/2008. See section 2 for details.

### Australian Information For Product:

**Australian Inventory Of Chemical Substances (AICS) Status:** All components of this product are listed or exempt from listing on the AICS.

**Standard For The Uniform Scheduling Of Drugs And Poisons:** Not applicable.

### Japanese Information For Product:

**Japanese Minister Of International Trade And Industry (MITI) Status:** The components of this product are not listed as Class I Specified Chemical Substances, Class II Specified Chemical Substances, or Designated Chemical Substances by the Japanese MITI.

### International Chemical Inventories:

Listing of the components on individual country Chemical Inventories is as follows:

#### **Asia-Pac:**

**Australian Inventory of Chemical Substances (AICS):**

Listed or exempt from listing

**Korean Existing Chemicals List (ECL):**

Listed or exempt from listing

**Japanese Existing National Inventory of Chemical Substances (ENCS):**

Listed or exempt from listing

**Philippines Inventory of Chemicals and Chemical Substances (PICCS):**

Listed or exempt from listing

**Swiss Giftliste List of Toxic Substances:**

Listed or exempt from listing

**U.S. TSCA:**

Listed or exempt from listing

Listed



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### **SECTION 16 - OTHER INFORMATION**

Disclaimer: The information and recommendations in this document are accurate to the best of our knowledge. User must conduct their own tests to determine the suitability of these products for their particular purposes. Because of numerous factors affecting results, Progressive Materials, LLC MAKES NO WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING THOSE OF MERCHANTABILITY AND FITNESS FOR PURPOSE, other than the material conforms to our applicable current specifications. Progressive Materials, LLC assumes no legal responsibility for use or reliance on the information contained in this Material Safety Data Sheet.