



SAFETY DATA SHEET

RP 1.3 Rust Block Primer

Prepared to U.S. OSHA, CMA, ANSI, Canadian WHMIS, Australian WorkSafe, Japanese Industrial Standard JIS Z 7250:2000, and European Union REACH Regulations

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: RP 1.3 Rust Block Primer
CHEMICAL FAMILY NAME: Functional Coatings
U.N. NUMBER: UN1719
U.N. DANGEROUS GOODS CLASS: Caustic alkali liquids, n.o.s., Class 8, PGIII
SUPPLIER/MANUFACTURER'S NAME: Progressive Materials, LLC
ADDRESS: 540 Central Court, New Albany, IN 47150 USA
EMERGENCY PHONE: TOLL-FREE in USA/Canada - Chemtrec 1-800-424-9300
National Poison Control Center (U.S.) 1-800-222-1222
BUSINESS PHONE: 812-944-7803 (Product Information)
WEB SITE: www.pmsilicone.com
DATE OF CURRENT REVISION: August 24, 2015
DATE OF LAST REVISION: New

SECTION 2 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

Product Description: This product is a deep red liquid with a characteristic odor.

Health Hazards: Suspected of causing cancer. May cause damage to organs through prolonged or repeated exposure.

Flammability Hazards: None known.

Reactivity Hazards: None known.

Environmental Hazards: The environmental effects of this product have not been investigated; however it is expected to cause adverse effects in the environment.

Emergency Considerations: Emergency responders must wear the proper personal protective equipment suitable for the situation to which they are responding.

US DOT SYMBOLS

See section 14

CANADA (WHMIS) SYMBOLS

Complies with WHMIS 2015

EUROPEAN and (GHS) Hazard Symbols



Signal Word: **Danger!**

Component(s) Contributing to Classification(s):

14807-96-6 Talc; 1309-37-1 diiron trioxide; 7779-90-0 trizinc bis

GHS Hazard Classification(s):

STOT RE, Category 2

Chronic Aquatic Toxicity, Category 2

Skin Irritant, Category 2

Skin Sensitizer, Category 1

Eye Irritant, Category 2B



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Hazard Statement(s):

H373: May cause damage to organs through prolonged or repeated exposure.
H411: Toxic to aquatic life with long lasting effects.
H315: Causes skin irritation.
H317: May cause an allergic skin reaction.
H320: Causes eye irritation

Precautionary Statement(s):

P284: In case of inadequate ventilation wear respiratory protection.
P261: Avoid breathing dust/fume/gas/mist/ vapours/spray.
P280: Wear protective gloves/protective clothing/eye protection/fire protection.
P273: Avoid release to the environment.
P264: Wash thoroughly after handling.
P271: Use only outdoors or in a well-ventilated area.
P201: Obtain special instructions before use.
P202: Do not handle until all safety precautions have been read and understood.
P305, P351, P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P304, P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P363: Wash contaminated clothing before reuse.
P333, P313: If skin irritation or rash occurs: Get medical advice/attention.
P337: If eye irritation persists: Get medical advice/attention.
P313: Get medical advice/attention.
P370, P378: In case of fire: Use for extinction: CO2, sand, extinguishing powder, water spray.
P302, P352: IF ON SKIN: Wash with plenty of water.
P362, P364: Take off contaminated clothing and wash it before reuse.

SECTION 3 - COMPOSITION and INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS:	CAS #	EINECS #	ICSC #	WT %	HAZARD CLASSIFICATION; RISK PHRASES
Talc	14807-96-6	Not Listed	Not listed	10 - 30%	HAZARD CLASSIFICATION: None RISK PHRASES: None
diiron trioxide	1309-37-1	Not Listed	Not listed	3 - 7%	HAZARD CLASSIFICATION: None RISK PHRASES: None
trizinc bis(orthophosphate)	7779-90-0	Not Listed	Not listed	1 - 5%	HAZARD CLASSIFICATION: None RISK PHRASES: None
Acrylic polymers	Not Listed	Not Listed	Not listed	10 - 30%	HAZARD CLASSIFICATION: None RISK PHRASES: None
Water	7732-18-5	Not Listed	Not listed	30 - 60%	HAZARD CLASSIFICATION: None RISK PHRASES: None

Balance of other ingredients are non-hazardous or less than 1% in concentration (or 0.1% for carcinogens, reproductive toxins, or respiratory sensitizers).

NOTE: 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 SDS contains all the information required by the CPR, EU Directives and the Japanese Industrial Standard JIS Z 7250: 2000.

SECTION 4 - FIRST-AID MEASURES

GENERAL INFORMATION: First Aid responders should pay attention to self-protection and use the recommended protective clothing. If potential for exposure exists refer to Section 8 for specific personal protective equipment.

AFTER INHALATION: Supply fresh air; consult doctor in case of complaints.

AFTER SKIN CONTACT: Generally the product does not irritate the skin.

AFTER EYE CONTACT: Rinse opened eye for several minutes under running water.

AFTER SWALLOWING: If symptoms persist, consult doctor.



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MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED: No further relevant information available.

INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED: No further relevant information available.

SECTION 5 - FIRE-FIGHTING MEASURES

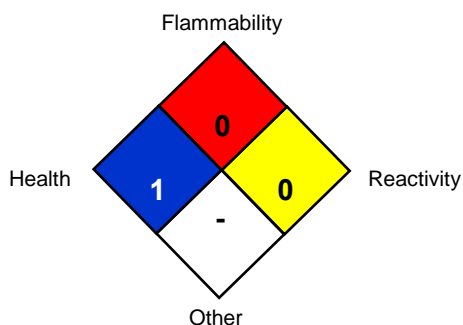
FLASH POINT: Noncombustible
AUTOIGNITION TEMPERATURE: Product is not selfigniting

SUITABLE EXTINGUISHING AGENTS: CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE: No further relevant information available.

PROTECTIVE EQUIPMENT: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. PVC boots, gloves, safety helmet and protective clothing should be worn.

NFPA RATING SYSTEM



HMIS RATING SYSTEM

HAZARDOUS MATERIAL IDENTIFICATION SYSTEM			
HEALTH HAZARD (BLUE)			1
FLAMMABILITY HAZARD (RED)			0
PHYSICAL HAZARD (YELLOW)			0
PROTECTIVE EQUIPMENT			
EYES	RESPIRATORY	HANDS	BODY
	See Sect 8		See Sect 8
For Routine Industrial Use and Handling Applications			

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe * = Chronic hazard

SECTION 6 - ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES: Isolate area. Keep unnecessary and unprotected personnel from entering the area. Spilled material may cause slipping hazard. Refer to Section 7, Handling, for additional precautionary measures. Use appropriate safety equipment. For additional information, refer to Section 8, Exposure Controls and Personal Protection.

ENVIRONMENTAL PRECAUTIONS: Inform respective authorities in case of seepage into water course or sewage system. Do not allow to enter sewers/ surface or ground water.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP: Dispose contaminated material as waste according to item 13.

SECTION 7 - HANDLING and STORAGE

PRECAUTIONS FOR SAFE HANDLING: Prevent formation of aerosols.

STORAGE CONDITIONS: Storage period: 6 months; Storage temp: 40-80F.



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SECTION 8 - EXPOSURE CONTROLS - PERSONAL PROTECTION

EXPOSURE LIMITS/GUIDELINES:

This product does not contain any relevant quantities of materials with critical values that have to be monitored in the workplace.

GENERAL PROTECTIVE AND HYGIENIC MEASURES: Wash hands before breaks and at the end of work.

BREATHING EQUIPMENT: In case of brief exposure at low atmospheric levels use an approved air-purifying respiratory equipped with an organic vapor sorbent and a particle filter. In case of intensive or longer exposure use a positive pressure air-supplying respirator (air line or self-contained breathing apparatus).

PROTECTION OF HANDS: The workplace factors such as, but not limited to: Other chemicals which may be handled, physical requirements (cut/puncture protection, dexterity, thermal protection), potential body reactions to glove materials, as well as the instructions/specifications provided by the glove supplier. Use chemical resistant gloves classified under Standard EN374: Protective gloves against chemicals and microorganisms. Examples of preferred glove barrier materials include: Butyl rubber, Polyethylene, EVAL, Neoprene, Nitrile, Viton. When prolonged or frequently repeated contact may occur, a glove with a protection class of 5 or higher is recommended.

EYE PROTECTION: Goggles recommended during refilling.

SECTION 9 - PHYSICAL and CHEMICAL PROPERTIES

PHYSICAL STATE:	Liquid
APPEARANCE & ODOR:	This product is a deep red liquid with a characteristic odor.
ODOR THRESHOLD (PPM):	Not Available
VAPOR PRESSURE (mmHg):	17 mmHg at 68°F
DENSITY:	Not Available
EVAPORATION RATE (nBuAc= 1):	Not determined
BOILING POINT (F°):	Not determined
FREEZING POINT (F°):	Not Available
MELTING POINT (F°):	Not determined
DECOMPOSITION TEMPERATURE:	Not determined
pH:	Not determined
VISCOSITY, Dynamic:	Not Available
SOLUBILITY IN WATER (%):	Not miscible or difficult to mix
PERCENT VOLATILITY:	Not determined

SECTION 10 - STABILITY and REACTIVITY

REACTIVITY: No dangerous reaction known under conditions of normal use.

CHEMICAL STABILITY: This product is stable at recommended storage conditions (See Section 7).

POSSIBILITY OF HAZARDOUS REACTIONS: No dangerous reactions known.

CONDITIONS TO AVOID: No further relevant information available.

INCOMPATIBLE MATERIALS: No further relevant information available.

HAZARDOUS DECOMPOSITION PRODUCTS: No dangerous decomposition products known.

SECTION 11 - TOXICOLOGICAL INFORMATION

TOXICITY DATA: Oral, LD50, 7779-90-0 trizinc bis, >5000 mg/kg (rat); Oral, LD50, 1314-13-2 zinc oxide, >5000 mg/kg (rat)

IRRITANCY OF PRODUCT: Skin: irritating effect; Eye: irritating effect

SENSITIZATION OF PRODUCT: No sensitizing effects known

IARC: 14807-96-6, Talc; 1309-37-1, diiron trioxide

NTP: None of the ingredients is listed



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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: Toxic for fish

GENERAL NOTES: Water hazard class 3 (Self-assessment): extremely hazardous for water Do not allow product to reach ground water, water course or sewage system, even in small quantities. Danger to drinking water if even extremely small quantities leak into the ground. Also poisonous for fish and plankton in water bodies.

SECTION 13 - DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHODS: Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

CONTAMINATED PACKAGING: Disposal must be made according to official regulations.

SECTION 14 - TRANSPORTATION INFORMATION

US DOT: IATA: IMO: ADR:

Not regulated.

HAZARD CLASS NUMBER and DESCRIPTION: Not regulated

UN IDENTIFICATION NUMBER: Not regulated

PACKING GROUP: Not regulated

DOT LABEL(S) REQUIRED: Not regulated

TRANSPORT CANADA, TRANSPORTATION OF DANGEROUS GOODS REGULATIONS:

Not regulated

INTERNATIONAL AIR TRANSPORT ASSOCIATION (IATA):

Not regulated

INTERNATIONAL MARITIME ORGANIZATION (IMO) DESIGNATION:

This product is classified as Dangerous Goods by the International Maritime Organization.

SECTION 15 - REGULATORY INFORMATION

SARA 302/304: None of the ingredients is listed.

SECTION 355: None of the ingredients is listed.

SECTION 313: 7779-90-0, trizinc bis; 1336-21-6, ammonia; 7632-00-0, sodium nitrite

MASSACHUSETTS RIGHT TO KNOW: 64742-65-0, distillates (petroleum), solvent-deqaxed heavy paraffinic; 64741-88-4, Distillates (petroleum), solvent-refined heavy paraffinic

NEW JERSEY RIGHT TO KNOW: 64741-88-4, Distillates (petroleum), solvent-refined heavy paraffinic

PENNSYLVANIE RIGHT TO KNOW: 64742-65-0, distillates (petroleum), solvent-deqaxed heavy paraffinic; 64741-88-4, Distillates (petroleum), solvent-refined heavy paraffinic

PROPOSITION 65: No ingredients in this material are listed in any category

CARCINOGENIC CATEGORIES:

EPA: 7779-90-0, trizinc bis; 1314-13-2, zinc oxide

TLV: 14807-96-6, Talc; 1309-37-1, diiron rioxide



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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.