

**TREMLITE METAL PRIMER WB #3358 GREY METAL PRIMER**

Version 3.0

Print Date 07/09/2012

REVISION DATE: 07/08/2012

**SECTION 1 - PRODUCT IDENTIFICATION**

Trade name : TREMLITE METAL PRIMER WB #3358 GREY METAL PRIMER  
 Product code : 346300 805

COMPANY : Tremco Incorporated  
 3735 Green Road  
 Cleveland, OH 44122

Telephone : (216) 292-5000 8:30 - 5:00 EST  
 Emergency Phone: : (216) 765-6727 8:30 - 5:00 EST  
 After Hours: Chemtrec 1-800-424-9300

Product use : Coating

**SECTION 2 - HAZARDS IDENTIFICATION**
**Emergency Overview**

Gray. Liquid. No serious effects anticipated under normal conditions of use. Leave area to breathe fresh air. Avoid further overexposure. If symptoms persist, get medical attention.

**Acute Potential Health Effects/ Routes of Entry**

Inhalation : No serious effects anticipated under normal conditions of use.  
 Eyes : Direct contact may cause mild irritation.  
 Ingestion : May cause gastrointestinal irritation, nausea, and vomiting.  
 Skin : May cause mild irritation.

**Aggravated Medical Conditions**

Pre-existing eye, skin and respiratory disorders may be aggravated by exposure.

**Chronic Health Effects**

Carbon black is classified by IARC to be a known animal carcinogen and a possible human carcinogen (Group 2B). Carbon black is encapsulated by resin and not expected to have adverse effects unless made airborne. Repeated overexposure to Ethylene Glycol Butyl Ether may cause hemolysis of the red blood cells leading to possible liver and kidney damage. Long term overexposure to propylene glycol caused liver abnormalities, kidney damage in laboratory animals. Repeated excessive ingestion may cause central nervous system effects. Fillers are encapsulated and not expected to be released from product under normal conditions of use.

**SECTION 3 - PRODUCT COMPOSITION**

Chemical Name	CAS-No.	Weight %
Water	7732-18-5	40.0 - 70.0
Acrylic Polymer	NJ TSRN# 51721300-5668P	15.0 - 40.0
Zinc phosphate	7779-90-0	7.0 - 13.0
Titanium dioxide	1317-80-2	3.0 - 7.0
Calcium Carbonate (Limestone)	1317-65-3	3.0 - 7.0
Propylene glycol	57-55-6	3.0 - 7.0
Glycol ether solvent	112-34-5	1.0 - 5.0
2-(2-Methoxyethoxy)ethanol (Glycol ether)	111-77-3	1.0 - 5.0
Dibutyl phthalate	84-74-2	1.0 - 5.0

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Carbon Black

1333-86-4

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**SECTION 4 - FIRST AID MEASURES**

Get immediate medical attention for any significant overexposure.

- Inhalation : Leave area to breathe fresh air. Avoid further overexposure. If symptoms persist, get medical attention.
- Eye contact : Flush with water for 15 minutes. If irritation persists, get medical attention.
- Skin contact : Wash area of contact thoroughly with hand cleaner followed by soap and water. If irritation, rash or other disorders develop, get medical attention immediately.
- Ingestion : Get medical attention. Do not induce vomiting.
- Notes to physician : Not applicable.

**SECTION 5 - FIRE FIGHTING MEASURES**

- Flash point : Not available.
- Method : Not applicable.
- Lower explosion limit : 0.90 %(V) Solvent
- Upper explosion limit : 24.60 %(V) Solvent
- Autoignition temperature : Not available.
- Extinguishing media : This product is not expected to burn under normal conditions of use.
- Hazardous combustion products : Carbon monoxide and carbon dioxide can form. Smoke, fumes.
- Protective equipment for firefighters : Use accepted fire fighting techniques. Wear full firefighting protective clothing, including self-contained breathing apparatus (SCBA).
- Fire and explosion conditions : This product not expected to ignite under normal conditions of use.

**SECTION 6 - ACCIDENTAL RELEASE MEASURES**

Transfer to appropriate container for disposal. Stop flow. Contain spill. Keep out of water courses. Absorb spill in sand, earth or other suitable material. Transfer to appropriate container for disposal. Use appropriate protective equipment. Avoid contact with material.

**SECTION 7 - HANDLING AND STORAGE**

Handle in compliance with common hygienic practices. Clean hands thoroughly after handling. Keep from freezing. Do not use in confined or poorly ventilated areas. Prevent inhalation of vapor, ingestion, and contact with skin eyes and clothing. Keep container closed when not in use. Precautions also apply to emptied containers. Store in sealed containers in a dry, ventilated warehouse location above freezing.

**SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Personal protection equipment**

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- Respiratory protection : Not required under normal conditions of use. Wear appropriate, NIOSH/MSHA approved respirator with combination particulate filter and vapor/gas removing cartridge when the ventilation is not adequate or if it is necessary to abrade or grind surfaces coated with this product.
- Hand protection : Use suitable impervious rubber or vinyl gloves and protective apparel to reduce exposure.
- Eye protection : Wear appropriate eye protection. Wear chemical safety goggles and/or face shield to prevent eye contact. Do not wear contact lenses. Do not touch eyes with contaminated body parts or materials. Have eye washing facilities readily available.
- Skin and body protection : Prevent contact with shoes and clothing. Use rubber apron and overshoes.
- Protective measures : Other equipment not normally required. Use professional judgment in the selection, care, and use.
- Engineering measures : Not required under normal conditions of use. Use local exhaust when the general ventilation is inadequate.

**Exposure Limits**

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Regulation</u>	<u>Limit</u>	<u>Form</u>
Calcium Carbonate (Limestone)	1317-65-3	OSHA PEL:	5 mg/m <sup>3</sup>	Respirable fraction.
		OSHA PEL:	15 mg/m <sup>3</sup>	Total dust.
		ACGIH TWA:	3 mg/m <sup>3</sup>	Respirable particles.
		ACGIH TWA:	10 mg/m <sup>3</sup>	Inhalable particles.
		OSHA TWA:	15 mg/m <sup>3</sup>	Total dust.
		OSHA TWA:	5 mg/m <sup>3</sup>	Respirable fraction.
Dibutyl phthalate	84-74-2	ACGIH TWA:	5 mg/m <sup>3</sup>	
		OSHA PEL:	5 mg/m <sup>3</sup>	
Carbon Black	1333-86-4	ACGIH TWA:	3.5 mg/m <sup>3</sup>	
		OSHA PEL:	3.5 mg/m <sup>3</sup>	
		OSHA TWA:	15 mg/m <sup>3</sup>	Total dust.
		OSHA TWA:	5 mg/m <sup>3</sup>	Respirable fraction.

**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**

- Form : Liquid
- Color : Gray
- Odor : Mild Ammonia
- pH : 8.0 - 8.5
- Vapour pressure : Not available.
- Vapor density : Heavier than air
- Melting point/range : Not available.
- Freezing point : Not available.
- Boiling point/range : 100 - 244 °C, 212 - 471 °F
- Water solubility : Soluble

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Specific Gravity : 1.2  
 % Volatile Weight : 47 %

**SECTION 10 - REACTIVITY / STABILITY**

Substances to avoid : Strong acids.Strong bases.  
 Stability : Stable  
 Hazardous polymerization : Will not occur.

**SECTION 11 - TOXICOLOGICAL INFORMATION**

Propylene glycol, CAS-No.: 57-55-6  
 Acute oral toxicity (LD-50 oral) 30,000 mg/kg ( Rat ) 18,000 mg/kg ( Rabbit ) 19,000 mg/kg ( Dog ) 23,900 - 31,800 mg/kg ( Mouse ) 18,400 - 196,000 mg/kg ( Guinea pig )

Glycol ether solvent, CAS-No.: 112-34-5  
 Acute oral toxicity (LD-50 oral) 6,560 mg/kg ( Rat ) 2,000 mg/kg ( Guinea pig ) 2,200 mg/kg ( Rabbit )

2-(2-Methoxyethoxy)ethanol (Glycol ether), CAS-No.: 111-77-3  
 Acute oral toxicity (LD-50 oral) 9,210 mg/kg ( Rat )

Dibutyl phthalate, CAS-No.: 84-74-2  
 Acute oral toxicity (LD-50 oral) 9,000 mg/kg ( Mouse ) 8,000 mg/kg ( Rat )

**SECTION 12 - ECOLOGICAL INFORMATION**

No Data Available

**SECTION 13 - DISPOSAL CONSIDERATIONS**

Disposal Method : Waste not regulated under RCRA. Dispose of in compliance with state and local regulations.

**SECTION 14 - TRANSPORTATION / SHIPPING DATA****CFR / DOT:**

Not Regulated

**TDG:**

Not Regulated



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**IMDG:**

Not Regulated

**SECTION 15 - REGULATORY INFORMATION**

**North American Inventories:**

All components are listed or exempt from the TSCA inventory.  
This product or its components are listed on, or exempt from the Canadian Domestic Substances List.

**U.S. Federal Regulations:**

SARA 313 Components : Zinc phosphate 7779-90-0  
Glycol ether solvent 112-34-5  
2-(2-Methoxyethoxy)ethanol (Glycol ether) 111-77-3  
Dibutyl phthalate 84-74-2

SARA 311/312 Hazards : Acute Health Hazard  
Chronic Health Hazard

OSHA Hazardous Components :

Zinc phosphate 7779-90-0  
Calcium Carbonate (Limestone) 1317-65-3  
Glycol ether solvent 112-34-5  
2-(2-Methoxyethoxy)ethanol (Glycol ether) 111-77-3  
Dibutyl phthalate 84-74-2  
Carbon Black 1333-86-4

OSHA Status: Considered : Irritant  
hazardous based on the Carcinogen  
following criteria:

OSHA Flammability : Not Regulated

Regulatory VOC (less water and exempt solvent) : 123 g/l

VOC Method 310 : 4 %

Chemical is listed as an IARC, NTP, OSHA, or ACGIH Carcinogen:  
Carbon Black 1333-86-4

**U.S. State Regulations:**

MASS RTK Components : Calcium Carbonate (Limestone) 1317-65-3  
2-(2-Methoxyethoxy)ethanol (Glycol ether) 111-77-3  
Dibutyl phthalate 84-74-2  
Crystalline Silica (Quartz)/ Silica Sand 14808-60-7

Penn RTK Components : Water 7732-18-5  
Acrylic Polymer NJ TSRN# 51721300-5668P  
Zinc phosphate 7779-90-0  
Titanium dioxide 1317-80-2  
Calcium Carbonate (Limestone) 1317-65-3



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	Propylene glycol	57-55-6
	Glycol ether solvent	112-34-5
	2-(2-Methoxyethoxy)ethanol (Glycol ether)	111-77-3
	Dibutyl phthalate	84-74-2
NJ RTK Components :	Water	7732-18-5
	Acrylic Polymer	NJ TSRN# 51721300-5668P
	Zinc phosphate	7779-90-0
	Titanium dioxide	1317-80-2
	Calcium Carbonate (Limestone)	1317-65-3
	Dibutyl phthalate	84-74-2
	Carbon Black	1333-86-4

Components under California Proposition 65:

**WARNING!** Contains chemicals known to the State of California to cause cancer, birth defects and/or other reproductive harm

**SECTION 16 - OTHER INFORMATION**

**HMIS Rating :**

Health	2
Flammability	1
Reactivity	1
PPE	

0 = Minimum  
 1 = Slight  
 2 = Moderate  
 3 = Serious  
 4 = Severe

**Further information:**

For Industrial Use Only. Keep out of Reach of Children. The hazard information herein is offered solely for the consideration of the user, subject to their own investigation of compliance with applicable regulations, including the safe use of the product under every foreseeable condition.

**Prepared by: Rich Mikol**

**Legend**

ACGIH - American Conference of Governmental Hygienists  
 CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act  
 DOT - Department of Transportation  
 DSL - Domestic Substance List  
 EPA - Environmental Protection Agency  
 HMIS - Hazardous Materials Information System  
 IARC - International Agency for Research on Cancer  
 MSHA - Mine Safety Health Administration  
 NDSL - Non-Domestic Substance List  
 NIOSH - National Institute for Occupational Safety and Health  
 NTP - National Toxicology Program  
 OSHA - Occupational Safety and Health Administration

PEL - Permissible Exposure Limit  
 RCRA - Resource Conservation and Recovery Act  
 RTK - Right To Know  
 SARA - Superfund Amendments and Reauthorization Act  
 STEL - Short Term Exposure Limit  
 TLV - Threshold Limit Value  
 TSCA - Toxic Substances Control Act  
 TWA - Time Weighted Average  
 V - Volume  
 VOC - Volatile Organic Compound  
 WHMIS - Workplace Hazardous Materials Information System