

SAFETY DATA SHEET

Revision Date 25-Jun-2015



Revision Number 1

Issuing Date No data available



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1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product identifier

Product Name

SERIES 3000 RUST INHIBITIVE METAL PRIMER

Other means of identification

Synonyms

None

Recommended use of the chemical and restrictions on use

Recommended Use

Paint

Uses advised against

No information available

Details of the supplier of the safety data sheet

Supplier Name

MERCURY PAINT

Supplier Address

4808 FARRAGUT ROAD

BROOKLYN

NY 11203 US

Supplier Phone Number

Phone:7184698787 Fax:7184698787

Supplier Email

VGANDHI@MERCURYPAINT.COM

Emergency telephone number

Company Emergency Phone

CHEMTREC18004249300

Number

2. HAZARDS IDENTIFICATION

Classification

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

Serious eye damage/eye irritation	Category 2
Skin sensitization	Category 1
Germ cell mutagenicity	Category 1B



Carcinogenicity	Category 1A
Aspiration toxicity	Category 1
Flammable liquids	Category 3

GHS Label elements, including precautionary statements

Emergency Overview

Signal word

Danger

Hazard Statements

Causes serious eye irritation
May cause an allergic skin reaction
May cause genetic defects
May cause cancer
May be fatal if swallowed and enters airways
Flammable liquid and vapor



Appearance Red

Physical state Liquid

Odor No data available

Precautionary Statements - Prevention

Obtain special instructions before use

Do not handle until all safety precautions have been read and understood

Use personal protective equipment as required

Wash face, hands and any exposed skin thoroughly after handling

Avoid breathing dust/fume/gas/mist/vapors/spray

Contaminated work clothing should not be allowed out of the workplace

Wear protective gloves

Keep away from heat/sparks/open flames/hot surfaces. - No smoking

Keep container tightly closed

Ground/bond container and receiving equipment

Use explosion-proof electrical/ ventilating/ lighting/ equipment

Use only non-sparking tools

Take precautionary measures against static discharge

Wear eye/face protection

Precautionary Statements - Response

IF exposed or concerned: Get medical advice/attention

Specific treatment (see supplemental first aid instructions on this label)

Eyes

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing If eye irritation persists: Get medical advice/attention

Skin

If skin irritation or rash occurs: Get medical advice/attention

Wash contaminated clothing before reuse

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower



Ingestion

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician Do NOT induce vomiting

Fire

In case of fire: Use CO2, dry chemical, or foam for extinction

Precautionary Statements - Storage

Store locked up

Store in a well-ventilated place. Keep cool

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Hazards not otherwise classified (HNOC)

Not applicable

Unknown Toxicity

64.239% of the mixture consists of ingredient(s) of unknown toxicity

Other information

Toxic to aquatic life with long lasting effects
Repeated or prolonged skin contact may cause allergic reactions with susceptible persons
PROLONGED OR REPEATED CONTACT MAY DRY SKIN AND CAUSE IRRITATION

Interactions with Other Chemicals

No information available.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%	Trade Secret
Limestone	1317-65-3	10 - 30	*
Mineral Spirits (Rule 66)	8052-41-3	10 - 30	*
Talc	14807-96-6	20-25	*
Trizinc diphosphate	7779-90-0	5 - 10	*
ron oxide	1309-37-1	1 - 5	*
Aromatic solvent	64742-95-6	1 - 5	*
Goethite (Fe(OH)O)	1310-14-1	1 - 5	*
Quartz	14808-60-7	0.1 - 4	*
Methyl ethyl ketoxime	96-29-7	0.1 - 1	*
Naphtha (petroleum), hydrotreated heavy	64742-48-9	0.1 - 1	*

^{*}The exact percentage (concentration) of composition has been withheld as a trade secret

4. FIRST AID MEASURES

First aid measures

General Advice Show this safety data sheet to the doctor in attendance. Immediate medical

attention is required.

Eye contact Rinse immediately with plenty of water, also under the eyelids, for at least 15

U

minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Keep eye wide open while rinsing. Do not rub affected area. Get medical attention

if irritation develops and persists.

Skin contact May cause an allergic skin reaction. In the case of skin irritation or allergic

reactions see a physician. Wash off immediately with soap and plenty of water

while removing all contaminated clothes and shoes.

Inhalation Remove to fresh air. Aspiration into lungs can produce severe lung damage. If

breathing has stopped, give artificial respiration. Get medical attention

immediately. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. If breathing is difficult, (trained personnel should) give oxygen. Seek immediate medical attention/advice. Delayed pulmonary edema may occur.

Ingestion Rinse mouth immediately and drink plenty of water. Never give anything by mouth

to an unconscious person. Do NOT induce vomiting. Aspiration hazard if

swallowed - can enter lungs and cause damage. If vomiting occurs spontaneously, keep head below hips to prevent aspiration. Call a physician or poison control

center immediately.

Self-protection of the first aider Ensure that medical personnel are aware of the material(s) involved, take

precautions to protect themselves and prevent spread of contamination. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. Use personal protective equipment as required. Wear personal protective clothing (see

section 8). Remove all sources of ignition.

Most important symptoms and effects, both acute and delayed

Most Important Symptoms and Effects

Burning sensation. Itching. Rashes. Hives. Difficulty in breathing. Coughing and/

or wheezing. Dizziness.

Indication of any immediate medical attention and special treatment needed

Notes to Physician

May cause sensitization of susceptible persons. Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Dry chemical. Carbon dioxide (CO2). Water spray. Alcohol resistant foam.

Unsuitable extinguishing media

CAUTION: Use of water spray when fighting fire may be inefficient.

Specific hazards arising from the chemical

Product is or contains a sensitizer. May cause sensitization by skin contact. Risk of ignition. Keep product and empty container away from heat and sources of ignition. In the event of fire, cool tanks with water spray. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

Uniform Fire Code

Sensitizer: Liquid Flammable Liquid: I-C

Hazardous Combustion Products

Carbon oxides.

Explosion Data

Sensitivity to Mechanical Impact

No.

Sensitivity to Static Discharge

Yes.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions Avoid contact with skin, eyes or clothing. Use personal protective equipment as required.

Ensure adequate ventilation. Evacuate personnel to safe areas. See section 8 for more information. Keep people away from and upwind of spill/leak. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Pay attention to flashback. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Do not touch or walk through spilled

material.

Other Information Refer to protective measures listed in Sections 7 and 8. Ventilate the area.

Environmental precautions

Environmental precautions Refer to protective measures listed in Sections 7 and 8. Prevent further leakage or spillage

if safe to do so. Prevent product from entering drains.

Methods and material for containment and cleaning up

Methods for containment Prevent further leakage or spillage if safe to do so. Do not touch or walk through spilled

material. A vapor suppressing foam may be used to reduce vapors. Dike far ahead of spill

to collect runoff water. Keep out of drains, sewers, ditches and waterways.

Methods for cleaning up Pick up and transfer to properly labeled containers. Take precautionary measures against

static discharges. Dam up. Soak up with inert absorbent material.

7. HANDLING AND STORAGE

Precautions for safe handling

Handling Handle in accordance with good industrial hygiene and safety practice. Avoid contact with

skin, eyes or clothing. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash before reuse. Use personal protection equipment. Avoid breathing vapors or mists. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Use grounding and bonding connection when transferring this material to prevent static discharge, fire or explosion. Use with local exhaust ventilation. Use spark-proof tools and explosion-proof equipment. Keep in an area equipped with sprinklers. Use according to

package label instructions.

Conditions for safe storage, including any incompatibilities

Storage Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up.

Keep out of the reach of children. Protect from moisture. Store away from other materials. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep in properly labeled containers. Do not store near combustible materials. Keep in an area equipped with sprinklers. Store in accordance with

the particular national regulations. Store in accordance with local regulations.

Incompatible Products None known based on information supplied.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Limestone 1317-65-3	-	TWA: 15 mg/m³ TWA: 5 mg/m³ (vacated) TWA: 15 mg/m³ (vacated) TWA: 5 mg/m³	TWA: 5 mg/m³ respirable dust TWA: 10 mg/m³ total dust
Mineral Spirits (Rule 66) 8052-41-3	TWA: 100 ppm	TWA: 500 ppm TWA: 2900 mg/m³ (vacated) TWA: 100 ppm (vacated) TWA: 525 mg/m³	IDLH: 20000 mg/m³ Ceiling: 1800 mg/m³ 15 min TWA: 350 mg/m³
Talc 14807-96-6	TWA: 2 mg/m³	(vacated) TWA: 2 mg/m³	IDLH: 1000 mg/m³ containg no asbestos and <1% quartz TWA: 2 mg/m³
Iron oxide 1309-37-1	TWA: 5 mg/m³ respirable fraction	TWA: 15 mg/m³ total dust	IDLH: 2500 mg/m³ Fe dust and fume TWA: 5 mg/m³ Fe dust and fume
Goethite (Fe(OH)O) 1310-14-1	TWA: 1 mg/m³ Fe	(vacated) TWA: 1 mg/m³ Fe	TWA: 1 mg/m³ Fe
Quartz 14808-60-7	TWA: 0.025 mg/m³ respirable fraction	TWA: 0.1 mg/m³ (vacated)	IDLH: 50 mg/m³ respirable dust TWA: 0.05 mg/m³ respirable dust

ACGIHTLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits Immediately Dangerous to Life or Health

Other Exposure Guidelines

Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962

(11th Cir., 1992)

Appropriate engineering controls

Engineering Measures

Showers

Eyewash stations Ventilation systems

Individual protection measures, such as personal protective equipment

Eye/face protection If splashes are likely to occur:. None required for consumer use. Tight sealing safety

goggles.

Skin and body protection Wear protective gloves and protective clothing. Long sleeved clothing. Chemical resistant

apron. Impervious gloves. Antistatic boots.

exceeded or irritation is experienced, ventilation and evacuation may be required.

Hygiene Measures Handle in accordance with good industrial hygiene and safety practice. Avoid contact with

skin, eyes or clothing. Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product. Wash hands before breaks and immediately after handling the product. Contaminated work clothing should not be allowed out of the workplace.

Regular cleaning of equipment, work area and clothing is recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES



Physical and Chemical Properties

Liquid Physical state Appearance Red

Odor No data available No information available **Odor Threshold** No information available Color

Remarks Method **Propert** Values

Y UNKNOWN None known pΗ Melting / freezing point No data available None known Boiling point / boiling range >43 °C / > 109 °F None known Flash Point 37 C / 99 F None known **Evaporation Rate** No data available None known Flammability (solid, gas) No data available None known

Flammability Limit in Air Upper flammability limit No data available

Lower flammability limit No data available None known Vapor pressure No data available Vapor density No data available None known **Specific Gravity** 1.42 None known Virtually insoluble **Water Solubility** None known Solubility in other solvents No data available None known Partition coefficient: n-octanol/waterNo data available None known Autoignition temperature No data available None known No data available None known Decomposition temperature

Kinematic viscosity No data available Dynamic viscosity No data available Explosive properties No data available

No data available Oxidizing properties

Other Information

Softening Point No data available **VOC Content (%)** 40% (v/v); 22% (v/w) Particle Size No data available

Particle Size Distribution

10. STABILITY AND REACTIVITY

None known

None known

Reactivity

No data available.

Chemical stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Hazardous Polymerization

Hazardous polymerization does not occur.

Conditions to avoid

Heat, flames and sparks.

Incompatible materials

None known based on information supplied.

Hazardous Decomposition Products

Carbon oxides.

11. TOXICOLOGICAL INFORMATION



Information on likely routes of exposure

Product Information

Inhalation Specific test data for the substance or mixture is not available. May cause irritation of

respiratory tract. Aspiration into lungs can produce severe lung damage. May cause

pulmonary edema. Pulmonary edema can be fatal.

Eye contact Specific test data for the substance or mixture is not available. Causes serious eye irritation.

(based on components). May cause redness, itching, and pain. May cause irritation.

Skin contact Specific test data for the substance or mixture is not available. May cause irritation.

Prolonged contact may cause redness and irritation. Repeated exposure may cause skin

dryness or cracking.

Ingestion Specific test data for the substance or mixture is not available. Ingestion may cause

irritation to mucous membranes. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Potential for aspiration if swallowed. May cause lung damage if swallowed. Aspiration may cause pulmonary edema and pneumonitis. May be fatal if

swallowed and enters airways.

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Trizinc diphosphate 7779-90-0	> 5000 mg/kg(Rat)	-	-
ron oxide 1309-37-1	> 10000 mg/kg(Rat)	-	<u>-</u>
Aromatic solvent 64742-95-6	-	> 2000 mg/kg(Rabbit)	> 5.2 mg/L(Rat)4 h = 3400 ppm (Rat)4 h
Quartz 14808-60-7	= 500 mg/kg(Rat)	-	-
Methyl ethyl ketoxime 96-29- 7	= 930 mg/kg (Rat)	= 0.2 mg/kg(Rabbit)	= 20 mg/L (Rat)4 h
Naphtha (petroleum), hydrotreated heavy 64742-48-9	> 5000 mg/kg(Rat)	> 3160 mg/kg(Rabbit)	-

Information on toxicological effects

Symptoms

May cause redness and tearing of the eyes. Itching. Rashes. Hives. Difficulty in breathing.

Coughing and/ or wheezing. Asthma-like and/ or skin allergy-like symptoms.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization May cause sensitization of susceptible persons. May cause sensitization by skin contact.

Mutagenic Effects There is no data available for this product. Contains a known or suspected mutagen.

Carcinogenicity The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical Name	ACGIH	IARC	NTP	OSHA
Talc 14807-96-6		Group 3		
Iron oxide 1309-37-1		Group 3		
Quartz 14808-60-7	A2	Group 1	Known	X



Reproductive toxicity

No information available.

STOT - single exposure

No information available.

STOT - repeated exposure

No information available.

Chronic Toxicity

No known effect based on information supplied. Contains a known or suspected mutagen. Possible risk of irreversible effects. Contains a known or suspected carcinogen. Aspiration

may cause pulmonary edema and pneumonitis.

Target Organ Effects

Eyes. Skin. May affect the genetic material in germ cells (sperm and eggs). Respiratory

system. Gastrointestinal tract (GI).

Aspiration Hazard

No information available.

Numerical measures of toxicity Product Information

The following values are calculated based on chapter 3.1 of the GHS document

Not applicable

12. ECOLOGICAL INFORMATION

Ecotoxicity

Toxic to aquatic life with long lasting effects.

Chemical Name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)
Talc 14807-96-6		96h LC50: > 100 g/L (Brachydanio rerio)		
Aromatic solvent 64742-95-6		96h LC50: = 9.22 mg/L (Oncorhynchus mykiss)		48h EC50: = 6.14 mg/L
Methyl ethyl ketoxime 96-29-7	72h EC50: = 83 mg/L (Desmodesmus subspicatus)	96h LC50: 777 - 914 mg/L (Pimephales promelas) 96h LC50: 320 - 1000 mg/L (Leuciscus idus) 96h LC50: = 760 mg/L (Poecilia reticulata)	EC50 = 281 mg/L 17 h EC50 = 950 mg/L 5 min	48h EC50: = 750 mg/L
Naphtha (petroleum), hydrotreated heavy 64742-48-9		96h LC50: = 2200 mg/L (Pimephales promelas)		96h LC50: = 2.6 mg/L

Persistence and Degradability

No information available.

Bioaccumulation

Chemical Name	Log Pow
Methyl ethyl ketoxime 96-29-7	0.65

Other adverse effects

No information available.



13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal methods This material, as supplied, is a hazardous waste according to federal regulations (40 CFR

261).

Contaminated Packaging Do not reuse empty containers.

US EPA Waste Number D001

California Hazardous Waste Codes 331

This product contains one or more substances that are listed with the State of California as a hazardous waste.

Toxic	

14. TRANSPORTINFORMATION

DOT

VN-No. UN1263
Proper Shipping Name PAINT
Hazard Class 3
Packing Group III

Description UN1263, PAINT, 3, III

Emergency Response Guide # 128 Hazard Class N/A

TDG

UN-No. UN1263
Proper Shipping Name Paint
Hazard Class 3
Packing Group | |||

Description UN1263, Paint, III

MEX

WN-No. UN1263
Proper Shipping Name Paint
Hazard Class 3
Packing Group III

Description UN1263, Paint, III

<u>ICAO</u>

VN-No. UN1263
Proper Shipping Name Paint
Hazard Class 3
Packing Group | |||

Description UN1263, Paint, III

IATA

UN-NO. UN1263



SERIES 3000 RUST INHIBITIVE METAL

Proper Shipping Name Paint
Hazard Class 3
Packing Group III
Description UN1263, Paint, III

IMDG/IMO

UN-NO. UN1263
Proper Shipping Name Paint
Hazard Class 3
Packing Group III
EmS-No. F-E, S-E

Description UN1263, Paint, 3, III

RID

UN-NO. UN1263
Proper Shipping Name Paint
Hazard Class 3
Packing Group III
Classification Code F1

Description UN1263, Paint, 3, III

ADR

UN-NO. UN1263
Proper Shipping Name Paint
Hazard Class 3
Packing Group III
Classification Code F1
Tunnel Description (D/E)

Description UN1263, Paint, 3, III

15. REGULATORY INFORMATION

International Inventories

TSCA Complies

DSL All components are listed either on the DSL or NDSL.

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List



US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Chemical Name	CAS No	Weight-%	SARA 313 - Threshold Values %
Trizinc diphosphate - 7779-90-0	7779-90-0	5 - 10	1.0

SARA 311/312 Hazard Categories

Acute Health Hazard	Yes
Chronic Health Hazard	Yes
Fire Hazard	Yes
Sudden release of pressure hazard	No
Reactive Hazard	No

CWA (Clean Water Act)

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Trizinc diphosphate 7779-90-0		Х		

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

US State Regulations

California Proposition 65

This product contains the following Proposition 65 chemicals.

Chemical Name	California Proposition 65
Quartz - 14808-60-7	Carcinogen
2-Ethylhexanoic acid - 149-57-5	Developmental

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania	Rhode Island	Illinois
Limestone 1317-65-3	×	Х	Х		
Mineral Spirits (Rule 66) 8052-41-3	×	Х	Х		
Talc 14807-96-6	×	Х	Х		
Trizinc diphosphate 7779-90-0			Х	Х	
Iron oxide 1309-37-1	×	Х	X		
Quartz 14808-60-7	×	Х	Х		
Cobalt bis(2-ethylhexanoate) 136-52-7			Х	Х	Х

International Regulations

Component	Carcinogen Status	Exposure Limits
Limestone	4	Mexico: TWA= 10 mg/m ³



1317-65-3 (10 - 30)	Mexico: STEL= 20 mg/m ³	
Mineral Spirits (Rule 66) 8052-41-3(10 - 30)	Mexico: TWA 100 ppm Mexico: TWA 523 mg/m³ Mexico: STEL 200 ppm Mexico: STEL 1050 mg/m³	
Talc 14807-96-6 (20 - 25)	Mexico: TWA= 2 mg/m ³	
Iron oxide 1309-37-1 (1 - 5)	Mexico: TWA 5 mg/m³ Mexico: STEL 10 mg/m³	
Goethite (Fe(OH)O) 1310-14-1(1 - 5)	Mexico: TWA 1 mg/m³ Mexico: STEL 2 mg/m³	
Quartz 14808-60-7 (0.1 -4)	Mexico: TWA= 0.1 mg/m³	

Canada WHMIS Hazard Class

Not determined

16. OTHER INFORMATION

NFPA Health Hazards 2

Flammability 2 Instability 0

Physical and

HMIS

Health Hazards 2 *

Flammability 2

Physical Hazard 0

Chemical Hazards -Personal Protection X

Chronic Hazard Star Legend * = Chronic Health Hazard

Prepared By

Product Stewardship 23 British American Blvd. Latham, NY 12110

1-800-572-6501

Revision Date

Revision Note

25-Jun-2015
No information available

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

End of Safety Data Sheet

