

## Safety Data Sheet according to GHS

Printing date 20.12.2022

Revision: 26.05.2022

### 1 Identification

- **Product identifier**
- **Trade name: ISLAND METAL PRIMER 700 RED OXIDE**
- **Relevant identified uses of the substance or mixture and uses advised against**  
No further relevant information available.
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
Treasure Island Industrial Corp.  
No.2, 3rd Ave. S. Osmena Blvd.  
North Reclamation Area  
Cebu City 6000  
PHILIPPINES  
doo@treasureisland.com.ph
- **Further information obtainable from:** Product safety department
- **Emergency telephone number:** During normal opening times: +63 32 232 05 13

### 2 Hazard identification

- **Classification of the substance or mixture**



flame

Flam. Liq. 3      H226      Flammable liquid and vapour.



health hazard

Muta. 1B      H340      May cause genetic defects.

Carc. 1B      H350      May cause cancer.

Asp. Tox. 1      H304      May be fatal if swallowed and enters airways.



environment

Aquatic Chronic 2 H411      Toxic to aquatic life with long lasting effects.



Skin Irrit. 2      H315      Causes skin irritation.

STOT SE 3      H335-H336 May cause respiratory irritation. May cause drowsiness or dizziness.

Aquatic Acute 2 H401      Toxic to aquatic life.

CWPALB-00017

- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC**



T; Toxic

R45-46: May cause cancer. May cause heritable genetic damage.



Xn; Harmful

R65: Harmful: may cause lung damage if swallowed.

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 **Xi; Irritant**

R38: Irritating to skin.

 **N; Dangerous for the environment**

R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R10: Flammable.

· **Information concerning particular hazards for human and environment:**

The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

· **Classification system:**

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

· **Label elements**

· **Labelling according to EU guidelines:**

The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials.

· **Code letter and hazard designation of product:**



**T Toxic**  
**N Dangerous for the environment**

· **Hazard-determining components of labelling:**

Kerosene

Naphtha (petroleum), hydrodesulfurized heavy

· **Risk phrases:**

45 May cause cancer.

46 May cause heritable genetic damage.

10 Flammable.

38 Irritating to skin.

51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

65 Harmful: may cause lung damage if swallowed.

· **Safety phrases:**

53 Avoid exposure - obtain special instructions before use.

1/2 Keep locked up and out of the reach of children.

29/56 Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point.

45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

· **Special labelling of certain preparations:**

Contains Methyl Ethyl Ketone-Oxime. May produce an allergic reaction.

· **Other hazards**

· **Results of PBT and vPvB assessment**

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

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### 3 Composition / information on ingredients

- **Chemical characterisation: Mixtures**
- **Description:** Mixture of substances listed below with nonhazardous additions.

- **Dangerous components:**

CAS: 471-34-1	Calcium Carbonate	
CAS: 8008-20-6	Kerosene  Xn R65  Xi R38  N R51/53 R10  Flam. Liq. 3, H226  Asp. Tox. 1, H304  Aquatic Chronic 2, H411  Skin Irrit. 2, H315; STOT SE 3, H335-H336 Aquatic Acute 2, H401	
CAS: 64742-82-1	Naphtha (petroleum), hydrodesulfurized heavy  T Carc. Cat. 2, Muta. Cat. 2 R45-46  Xn R48/20-65  Flam. Liq. 3, H226  Muta. 1B, H340; Carc. 1B, H350; STOT RE 1, H372; Asp. Tox. 1, H304  Aquatic Chronic 2, H411  STOT SE 3, H336	
CAS: 22464-99-9	Zirconium Octoate  Xn R20/22  Xi R36/38  Flam. Liq. 3, H226  Acute Tox. 3, H301  Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irritation 2A, H319	
CAS: 96-29-7	Methyl Ethyl Ketone-Oxime  T R48/25  Xi R43 R52/53  STOT RE 1, H372  Skin Sens. 1, H317 Flam. Liq. 4, H227; Aquatic Acute 3, H402; Aquatic Chronic 3, H412	

- **Additional information:** For the wording of the listed hazard phrases refer to section 16.

### 4 First-aid measures

- **Description of first aid measures**
- **After inhalation:** In case of unconsciousness place patient stably in side position for transportation.
- **After skin contact:** Immediately wash with water and soap and rinse thoroughly.
- **After eye contact:** Rinse opened eye for several minutes under running water.
- **After swallowing:** If symptoms persist consult doctor.
- **Information for doctor:**
- **Most important symptoms and effects, both acute and delayed** No further relevant information available.

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- **Indication of any immediate medical attention and special treatment needed**  
No further relevant information available.

### 5 Fire-fighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:** CO<sub>2</sub>, sand, extinguishing powder. Do not use water.
- **For safety reasons unsuitable extinguishing agents:** Water with full jet
- **Special hazards arising from the substance or mixture** No further relevant information available.
- **Advice for firefighters**
- **Protective equipment:** No special measures required.

### 6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**  
Wear protective equipment. Keep unprotected persons away.
- **Environmental precautions:**  
Do not allow product to reach sewage system or any water course.  
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 material for containment and cleaning up:**  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).  
Dispose contaminated material as waste according to item 13.  
Ensure adequate ventilation.  
Do not flush with water or aqueous cleansing agents
- **Reference to other sections**  
See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

### 7 Handling and storage

- **Handling:**
- **Precautions for safe handling**  
Ensure good ventilation/exhaustion at the workplace.  
Open and handle receptacle with care.  
Prevent formation of aerosols.
- **Information about fire - and explosion protection:**  
Keep ignition sources away - Do not smoke.  
Protect against electrostatic charges.  
Keep respiratory protective device available.
- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Keep container tightly sealed.
- **Specific end use(s)** No further relevant information available.

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**8 Exposure controls / personal protection**

- **Additional information about design of technical facilities:** No further data; see item 7.
- **Control parameters**

 · **Ingredients with limit values that require monitoring at the workplace:**
**CAS: 471-34-1 Calcium Carbonate**

PEL (USA)	Long-term value: 15* 5** mg/m <sup>3</sup> *total dust **respirable fraction
REL (USA)	Long-term value: 10* 5** mg/m <sup>3</sup> *total dust **respirable fraction
TLV (USA)	TLV withdrawn

**CAS: 8008-20-6 Kerosene**

REL (USA)	Long-term value: 100 mg/m <sup>3</sup> Kerosine only
TLV (USA)	Long-term value: 200 mg/m <sup>3</sup> as total hydrocarbon vapor; Skin; A3

**CAS: 96-29-7 Methyl Ethyl Ketone-Oxime**

WEEL (USA)	Long-term value: 10 ppm DSEN
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- **Additional information:** The lists valid during the making were used as basis.

 · **Exposure controls**

 · **Personal protective equipment:**

 · **General protective and hygienic measures:**

- Keep away from foodstuffs, beverages and feed.
- Immediately remove all soiled and contaminated clothing
- Wash hands before breaks and at the end of work.
- Store protective clothing separately.
- Avoid contact with the skin.
- Avoid contact with the eyes and skin.

 · **Respiratory protection:**

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

 · **Protection of hands:**


Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.  
 Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.  
 Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

 · **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

 · **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

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 · **Eye protection:**


Tightly sealed goggles

### 9 Physical and chemical properties

 · **Information on basic physical and chemical properties**

 · **General Information**

 · **Appearance:**

<b>Form:</b>	Fluid
<b>Colour:</b>	According to product specification
<b>Odour:</b>	Characteristic
<b>Odour threshold:</b>	Not determined.

 · **pH-value:** Not determined.

 · **Change in condition**

<b>Melting point/freezing point:</b>	Undetermined.
<b>Initial boiling point and boiling range:</b>	175-325 °C

 · **Flash point:** 23 - 60 °C

 · **Flammability (solid, gas):** Not applicable.

 · **Ignition temperature:** 229 °C

 · **Decomposition temperature:** Not determined.

 · **Auto-ignition temperature:** Product is not selfigniting.

 · **Explosive properties:** Product is not explosive. However, formation of explosive air/vapour mixtures are possible.

 · **Explosion limits:**

<b>Lower:</b>	Not determined.
<b>Upper:</b>	Not determined.

 · **Vapour pressure:** Not determined.

<b>Density at 20 °C:</b>	2.12 g/cm <sup>3</sup>
<b>Relative density</b>	Not determined.
<b>Vapour density</b>	Not determined.
<b>Evaporation rate</b>	Not determined.

 · **Solubility in / Miscibility with water:** Not miscible or difficult to mix.

 · **Partition coefficient: n-octanol/water:** Not determined.

 · **Viscosity:**

<b>Dynamic:</b>	Not determined.
<b>Kinematic:</b>	Not determined.

 · **Solvent content:**

<b>Organic solvents:</b>	25.6 %
<b>VOC (EC)</b>	25.57 %

 · **Solids content:** 73.9 %

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· **Other information** No further relevant information available.

### 10 Stability and reactivity

- **Reactivity** No further relevant information available.
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **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.

### 11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity**

· **LD/LC50 values relevant for classification:**

**CAS: 471-34-1 Calcium Carbonate**

Oral	LD50	6,450 mg/kg (rat)
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- **Primary irritant effect:**
- **Skin corrosion/irritation** Irritant to skin and mucous membranes.
- **Serious eye damage/irritation** No irritating effect.
- **Respiratory or skin sensitisation** No sensitising effects known.
- **Additional toxicological information:**  
 The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:  
 Irritant  
 Carcinogenic.  
 The product can cause inheritable damage.

### 12 Ecological information

- **Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability** No further relevant information available.
- **Behaviour in environmental systems:**
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **Ecotoxicological effects:**
- **Remark:** Toxic for fish
- **Additional ecological information:**
- **General notes:**  
 Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water  
 Do not allow product to reach ground water, water course or sewage system.  
 Danger to drinking water if even small quantities leak into the ground.  
 Also poisonous for fish and plankton in water bodies.  
 Toxic for aquatic organisms
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.

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- **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

### 13 Disposal considerations

- **Waste treatment methods**
- **Recommendation**  
Must not be disposed together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

### 14 Transport information

· <b>UN-Number</b> · <b>ADR, IMDG, IATA</b>	UN1263
· <b>UN proper shipping name</b> · <b>ADR</b> · <b>IMDG</b> · <b>IATA</b>	1263 PAINT, ENVIRONMENTALLY HAZARDOUS PAINT (KEROSENE, Naphtha (petroleum), hydrodesulfurized heavy), MARINE POLLUTANT PAINT
· <b>Transport hazard class(es)</b> · <b>ADR, IMDG</b>	
 	
· <b>Class</b> · <b>Label</b>	3 Flammable liquids. 3
· <b>IATA</b>	
	
· <b>Class</b> · <b>Label</b>	3 Flammable liquids. 3
· <b>Packing group</b> · <b>ADR, IMDG, IATA</b>	III
· <b>Environmental hazards:</b> · <b>Marine pollutant:</b> · <b>Special marking (ADR):</b>	Product contains environmentally hazardous substances: Kerosene Symbol (fish and tree) Symbol (fish and tree)
· <b>Special precautions for user</b> · <b>Hazard identification number (Kemler code):</b> · <b>EMS Number:</b>	Warning: Flammable liquids. 30 F-E, <u>S</u> -E
· <b>Transport in bulk according to Annex II of Marpol and the IBC Code</b>	Not applicable.

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**· Transport/Additional information:**
**· ADR**

- **Limited quantities (LQ)**
- **Excepted quantities (EQ)**

5L

Code: E1

Maximum net quantity per inner packaging: 30 ml

Maximum net quantity per outer packaging: 1000 ml

**· Transport category**

3

**· IMDG**

- **Limited quantities (LQ)**
- **Excepted quantities (EQ)**

5L

Code: E1

Maximum net quantity per inner packaging: 30 ml

Maximum net quantity per outer packaging: 1000 ml

**· UN "Model Regulation":**

UN 1263 PAINT, 3, III, ENVIRONMENTALLY HAZARDOUS

### 15 Regulatory information

**· Safety, health and environmental regulations/legislation specific for the substance or mixture**
**· Philippines Inventory of Chemicals and Chemical Substances**

CAS: 471-34-1	Calcium Carbonate
CAS: 8008-20-6	Kerosene
CAS: 63148-69-6	ALKYD RESIN
CAS: 14807-96-6	Hydrated Magnesium Silicate
CAS: 1318-93-0	Montmorillonite
CAS: 64742-82-1	Naphtha (petroleum), hydrodesulfurized heavy
CAS: 68551-41-7	Fatty acids, C6-19-branched, calcium salts, overbased
CAS: 22464-99-9	Zirconium Octoate
CAS: 136-52-7	cobalt bis(2-ethylhexanoate)
CAS: 14808-60-7	Silicon Dioxide
CAS: 111-76-2	Normal Butyl Cellusolve

**· Directive 2012/18/EU**

- **Named dangerous substances - ANNEX I** None of the ingredients is listed.

**· Seveso category**

E2 Hazardous to the Aquatic Environment

P5c FLAMMABLE LIQUIDS

- **Qualifying quantity (tonnes) for the application of lower-tier requirements** 200 t

- **Qualifying quantity (tonnes) for the application of upper-tier requirements** 500 t

**· National regulations:**
**· Information about limitation of use:**

Workers are not allowed to be exposed to the hazardous carcinogenic materials contained in this preparation. Exceptions can be made by the authorities in certain cases.

- **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

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### 16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Relevant phrases**

- H226 Flammable liquid and vapour.
- H227 Combustible liquid.
- H301 Toxic if swallowed.
- H304 May be fatal if swallowed and enters airways.
- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H319 Causes serious eye irritation.
- H332 Harmful if inhaled.
- H335 May cause respiratory irritation.
- H336 May cause drowsiness or dizziness.
- H340 May cause genetic defects.
- H350 May cause cancer.
- H372 Causes damage to organs through prolonged or repeated exposure.
- H401 Toxic to aquatic life.
- H402 Harmful to aquatic life.
- H411 Toxic to aquatic life with long lasting effects.
- H412 Harmful to aquatic life with long lasting effects.
  
- R10 Flammable.
- R20/22 Harmful by inhalation and if swallowed.
- R36/38 Irritating to eyes and skin.
- R38 Irritating to skin.
- R43 May cause sensitisation by skin contact.
- R45 May cause cancer.
- R46 May cause heritable genetic damage.
- R48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation.
- R48/25 Toxic: danger of serious damage to health by prolonged exposure if swallowed.
- R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- R65 Harmful: may cause lung damage if swallowed.

· **Department issuing SDS:** Product safety department

· **Contact:** Mr. Ong

· **Abbreviations and acronyms:**

- ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)
- IMDG: International Maritime Code for Dangerous Goods
- IATA: International Air Transport Association
- EINECS: European Inventory of Existing Commercial Chemical Substances
- ELINCS: European List of Notified Chemical Substances
- CAS: Chemical Abstracts Service (division of the American Chemical Society)
- VOC: Volatile Organic Compounds (USA, EU)
- LC50: Lethal concentration, 50 percent
- LD50: Lethal dose, 50 percent
- PBT: Persistent, Bioaccumulative and Toxic
- vPvB: very Persistent and very Bioaccumulative
- Flam. Liq. 3: Flammable liquids – Category 3
- Flam. Liq. 4: Flammable liquids – Category 4
- Acute Tox. 3: Acute toxicity – Category 3
- Acute Tox. 4: Acute toxicity – Category 4
- Skin Irrit. 2: Skin corrosion/irritation – Category 2
- Eye Irritation 2A: Serious eye damage/eye irritation – Category 2A
- Skin Sens. 1: Skin sensitisation – Category 1
- Muta. 1B: Germ cell mutagenicity – Category 1B

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*Carc. 1B: Carcinogenicity – Category 1B*

*STOT SE 3: Specific target organ toxicity (single exposure) – Category 3*

*STOT RE 1: Specific target organ toxicity (repeated exposure) – Category 1*

*Asp. Tox. 1: Aspiration hazard – Category 1*

*Aquatic Acute 2: Hazardous to the aquatic environment - acute aquatic hazard – Category 2*

*Aquatic Acute 3: Hazardous to the aquatic environment - acute aquatic hazard – Category 3*

*Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2*

*Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3*

· **\* Data compared to the previous version altered.**

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