

# Safety Data Sheet

According to HSNO Regulations

Initial preparation date: 04.24.2018

Page 1 of 11

## POR-15 CALIPER PAINT RED

### SECTION 1: Identification

#### Product identifier

**Product name:** POR-15 CALIPER PAINT RED

**Product code:** 42806

**Additional information:** No additional information available.



#### Recommended use of the product and restriction on use:

**Relevant identified uses:** Coating compound/ Surface coating/ paint.

**Uses advised against:** Not determined or not applicable.

**Reasons why uses advised against:** Not determined or not applicable.

#### Manufacturer or supplier details

##### Manufacturer:

P.O.R. Products  
38 Portman Road  
New Rochelle, NY 10801  
914-636-0700

##### Supplier:

HGLB Holdings  
30 Victoria Street  
Petone 5012  
021 446682  
sales@por15nz.com

#### Emergency telephone number: ChemTel Inc.

+1 813 248 0585

#### Poisons Information Center, New Zealand

0800 764 766

### SECTION 2: Hazards identification

Classified as a Dangerous Good according to NZS 5433:2012 Transport of Dangerous Goods on Land.

Classified as hazardous according to criteria in the HS (Minimum Degrees of Hazard) Regulations 2017

#### HSNO Classification or Subclasses – Physical hazards:

Class	GHS Category	HSNO Category
Flammable liquids	Category 3	3.1C

#### HSNO Classification or Subclasses – Health hazards:

Class	GHS Category	HSNO Category
Skin sensitization	Category 1	6.5B
Specific target organ toxicity - repeated exposure	Category 1	6.9A
Carcinogenicity	Category 2	6.7B
Reproductive toxicity	Category 2	6.8B

#### HSNO Classification or Subclasses – Environmental hazards:

Class	GHS Category	HSNO Category
Acute aquatic hazard	Category 3	9.1D
Chronic aquatic hazard	Category 2	9.1B

#### GHS classification:

Flammable liquids, category 3

Skin sensitization, category 1

Specific target organ toxicity - repeated exposure, category 1

Carcinogenicity, category 2

Reproductive toxicity, category 2

Acute aquatic hazard, category 3

Chronic aquatic hazard, category 2

# Safety Data Sheet

According to HSNO Regulations

Initial preparation date: 04.24.2018

Page 2 of 11

## POR-15 CALIPER PAINT RED

### Label elements

#### Hazard pictograms:



**Signal word:** Danger

#### Hazard statements and Precautionary statements:

- H226 Flammable liquid and vapor.
- H317 May cause an allergic skin reaction.
- H351 Suspected of causing cancer.
- H361 Suspected of damaging fertility or the unborn child.
- H372 Causes damage to organs through prolonged or repeated exposure.
- H402 Harmful to aquatic life.
- H411 Toxic to aquatic life with long lasting effects.
- P201 Obtain special instructions before use.
- P202 Do not handle until all safety precautions have been read and understood.
- P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.
- P233 Keep container tightly closed.
- P240 Ground/bond container and receiving equipment.
- P241 Use explosion-proof electrical/ventilating/lighting equipment.
- P242 Use only non-sparking tools.
- P243 Take precautionary measures against static discharge.
- P260 Do not breathe dust/fume/gas/mist/vapors/spray.
- P261 Avoid breathing dust/fume/gas/mist/vapors/spray.
- P264 Wash skin thoroughly after handling.
- P270 Do not eat, drink or smoke when using this product.
- P272 Contaminated work clothing should not be allowed out of the workplace.
- P273 Avoid release to the environment.
- P280 Wear protective gloves/protective clothing/eye protection/face protection.
- P281 Use personal protective equipment as required.
- P302+P352 IF ON SKIN: Wash with plenty of soap and water.
- P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
- P308+P313 If exposed or concerned: Get medical advice/attention
- P314 Get medical advice/attention if you feel unwell
- P321 Specific treatment (see first aid instructions on this label).
- P333+P313 If skin irritation or a rash occurs: Get medical advice/attention
- P362+P364 Take off contaminated clothing and wash it before reuse.
- P363 Wash contaminated clothing before reuse
- P370+P378 In case of fire: Use appropriate fire extinguishing methods for extinction.
- P391 Collect spillage
- P403+P235 Store in a well ventilated place. Keep cool.
- P405 Store locked up.
- P501 Dispose of contents/container according to local regulations.

#### Hazards not otherwise classified:

None known.

# Safety Data Sheet

According to HSNO Regulations

Initial preparation date: 04.24.2018

Page 3 of 11

## POR-15 CALIPER PAINT RED

### SECTION 3: Composition/information on ingredients

#### Mixture:

Identification	Name	Weight %
CAS number: 64742-48-9	Naphtha (petroleum), hydrotreated heavy	<3
CAS number: 96-29-7	Methyl ethyl ketoxime	<3
CAS number: 8052-41-3	Stoddard Solvent	<2
CAS number: 136-52-7	Cobalt bis(2-ethylhexanoate)	<0.5
CAS number: 64742-82-1	Naphtha (petroleum), hydrodesulfurized heavy	<0.1
CAS number: 108-65-6	1-Methoxy-2-propanol acetate	<0.01
CAS number: 1309-37-1	Diiron trioxide	<0.01

#### Additional information:

None known

### SECTION 4: First-aid measures

For advice, contact a Poisons Information Center (e.g. phone Australia 131 126, New Zealand 0800 764 766) or a doctor.

#### Description of first aid measures

##### General notes:

Not determined or not available.

##### After inhalation:

Loosen clothing as necessary and position individual in a comfortable position.

Maintain an unobstructed airway.

Get medical advice/attention if you feel unwell.

##### After skin contact:

Rinse affected area with soap and water

If symptoms develop or persist, seek medical attention

Take off all contaminated clothing

Gently blot or brush away excess product

Wash with plenty of lukewarm, gently flowing water

Get medical advice if skin irritation occurs or you feel unwell

##### After eye contact:

Rinse/flush exposed eye(s) gently using water for 15-20 minutes.

If symptoms develop or persist, seek medical attention.

Rinse eyes cautiously with lukewarm, gently flowing water for several minutes, while holding the eyelids open.

Remove contact lenses, if present and easy to do so.

Continue rinsing for 15-20 minutes.

Get medical advice if eye irritation persists.

##### After swallowing:

Rinse mouth thoroughly

Seek medical attention if irritation, discomfort, or vomiting persists

# Safety Data Sheet

According to HSNO Regulations

Initial preparation date: 04.24.2018

Page 4 of 11

## POR-15 CALIPER PAINT RED

### Most important symptoms and effects, both acute and delayed:

#### Acute symptoms and effects:

Product highly flammable and may cause physical injury.

Dermal symptoms may include irritation, redness, pain, inflammation, itching, burning and tearing.

#### Delayed symptoms and effects:

Long term exposure may affect fertility. Symptoms include, but are not limited to: menstrual problems, altered sexual behavior/fertility/ and pregnancy outcome. Long term exposure may also affect development of the unborn child. Symptoms include, but are not limited to: intrauterine growth retardation, pre-term birth, birth defects and postnatal death.

Suspected of causing cancer. Effects are dependent on exposure (dose, concentration, contact time).

### Immediate medical attention and special treatment:

#### Specific treatment:

Not determined or not available.

#### Notes for the doctor:

Treat symptomatically.

### Workplace Facilities:

Not determined or not available.

## SECTION 5: Fire-fighting measures

### Extinguishing media

#### Suitable extinguishing media:

Use Water (fog only), dry chemical, chemical foam, carbon dioxide, or alcohol-resistant foam.

#### Unsuitable extinguishing media:

Do not use a water stream as an extinguisher.

### Specific hazards during fire-fighting:

Thermal decomposition can lead to release of irritating gases and vapors.

Vapors can flow to distant ignition sources and flashback

Liquid is volatile and may generate an explosive atmosphere.

### Special protective equipment for firefighters:

Use typical firefighting equipment, self-contained breathing apparatus, special tightly sealed suit.

### Special precautions:

Shut off sources of ignition.

Carbon monoxide and carbon dioxide may form upon combustion.

Heating causes a rise in pressure, risk of bursting and combustion.

### Hazchem or Emergency Action Code:

HAZCHEM Code: •3Y

## SECTION 6: Accidental release measures

### Personal precautions, protective equipment and emergency procedures:

Ensure adequate ventilation.

Ensure air handling systems are operational.

Wear protective eye wear, gloves and clothing.

Beware of vapors accumulating to form explosive concentrations.

Vapors can accumulate in low areas.

### Environmental precautions:

Should not be released into the environment.

Prevent from reaching drains, sewer or waterway.

### Methods and material for containment and cleaning up:

Wear protective eye wear, gloves and clothing.

# Safety Data Sheet

According to HSNO Regulations

Initial preparation date: 04.24.2018

Page 5 of 11

## POR-15 CALIPER PAINT RED

Use spark-proof tools and equipment.

Absorb with non-combustible liquid-binding material (sand, diatomaceous earth (clay), acid binders, universal binders).

Dispose of contents / container in accordance with local regulations.

### Reference to other sections:

Refer to Section 8 for Personal Protective Equipment and Section 13 for Disposal information.

## SECTION 7: Handling and storage precautions

### Precautions for safe handling:

Use only with adequate ventilation.

Avoid breathing mist or vapor.

Do not eat, drink, smoke or use personal products when handling chemical substances.

Take precautionary measures against electrostatic discharges.

Use only non-sparking tools.

### Conditions for safe storage, including any incompatibilities:

Keep container tightly sealed.

Protect from freezing and physical damage.

Store in a cool, well-ventilated area.

Store away from all ignition sources (open flames, hot surfaces, direct sunlight, spark sources).

### Safe packaging material

#### Suitable material:

Not determined or not applicable.

#### Unsuitable material:

Not determined or not applicable.

## SECTION 8: Exposure controls and personal protection

### Occupational Exposure limit values:

Country (Legal Basis)	Substance	Identifier	Permissible concentration
New Zealand	Diiron trioxide	1309-37-1	TWA 5 mg/m <sup>3</sup> (Iron oxide dust and fume, as Fe)
New Zealand	Stoddard Solvent	8052-41-3	TWA: 100 ppm. TWA: 525 mg/m <sup>3</sup>

### Biological limit value:

No biological exposure limits noted for the ingredient(s)

### Information on monitoring procedures:

Monitoring of the concentration of substances in the breathing zone of workers or in the general workplace may be required to confirm compliance with an OEL and adequacy of exposure controls

Biological monitoring may also be appropriate for some substances

### Appropriate engineering controls:

Emergency eye wash fountains and safety showers should be available in the immediate vicinity of use or handling.

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapor and mists below the applicable workplace exposure limits (Occupational Exposure Limits-OELs) indicated above.

Use explosion-proof ventilation equipment.

### Personal protection equipment

#### Eye and face protection:

Safety goggles or glasses, or appropriate eye protection.

# Safety Data Sheet

According to HSNO Regulations

Initial preparation date: 04.24.2018

Page 6 of 11

## POR-15 CALIPER PAINT RED

### Skin and body protection:

Select glove material impermeable and resistant to the substance.  
Wear appropriate clothing to prevent any possibility of skin contact.

### Respiratory protection:

If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn.

### General hygienic measures:

Avoid contact with skin, eyes and clothing.  
Wash hands before breaks and at the end of work.  
Wash contaminated clothing before reuse.

## SECTION 9: Physical and chemical properties

Appearance	Red Colored Liquid
Odor	Solvent-like
Odor threshold	Not determined or not available.
pH	Not determined or not available.
Melting point/freezing point	Not determined or not available.
Initial boiling point/range	>284°F (>140°C)
Flash point (closed cup)	>105°F (>41°C)
Evaporation rate	Not determined or not available.
Flammability (solid, gas)	Not determined or not available.
Upper flammability/explosive limit	Not determined or not available.
Lower flammability/explosive limit	Not determined or not available.
Vapor pressure	Not determined or not available.
Vapor density	Not determined or not available.
Density	0.848-0.945 g/cm <sup>3</sup>
Relative density	Not determined or not available.
Solubilities	Not miscible.
Partition coefficient (n-octanol/water)	Not determined or not available.
Auto/Self-ignition temperature	Product is not self-igniting
Decomposition temperature	Not determined or not available.
Dynamic viscosity	Not determined or not available.
Kinematic viscosity	Not determined or not available.
Explosive properties	Product is not explosive. However, formation of explosive air/vapor mixtures are possible.
Oxidizing properties	Not determined or not available.

### Other information

VOC Content	60-68% (Max - < 430 g/L)
-------------	--------------------------

## SECTION 10: Stability and reactivity

### Reactivity:

Does not react under normal conditions of use and storage.

### Chemical stability:

Stable under normal conditions of use and storage.

### Possibility of hazardous reactions:

Develops readily flammable gases/fumes.  
Can form explosive mixtures in air if heated above flash point and/or when sprayed or atomised.  
Can react violently with oxygen rich (oxidizing) materials.

# Safety Data Sheet

According to HSNO Regulations

Initial preparation date: 04.24.2018

Page 7 of 11

## POR-15 CALIPER PAINT RED

Toxic fumes may be released if heated above the decomposition point.

Used empty containers may contain product gases which form explosive mixtures with air.

### Conditions to avoid:

Keep away from open flames, hot surfaces and sources of ignition.

Store away from oxidizing agents.

### Incompatible materials:

None known.

### Hazardous decomposition products:

CO, CO<sub>2</sub>.

Hydrocarbons.

## SECTION 11: Toxicological information

### Acute toxicity:

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:** No data available.

**Substance data:** No data available.

### Skin corrosion/irritation:

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:** No data available.

**Substance data:**

Name	Result
Naphtha (petroleum), hydrotreated heavy	Irritating to the skin.
Cobalt bis(2-ethylhexanoate)	Irritating to the skin.

### Serious eye damage/irritation:

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:** No data available.

**Substance data:**

Name	Result
Methyl ethyl ketoxime	Risk of serious damage to the eyes.

### Respiratory or skin sensitization:

**Assessment:** May cause an allergic skin reaction

**Product data:** No data available.

**Substance data:**

Name	Result
Cobalt bis(2-ethylhexanoate)	May cause sensitization by skin contact.
Methyl ethyl ketoxime	May cause sensitization by skin contact

### Carcinogenicity

**Assessment:** Suspected of causing cancer

**Product data:** No data available.

**Substance data:**

Name	Species	Result
Stoddard Solvent	Stoddard Solvent	Component may cause cancer.
Naphtha (petroleum), hydrotreated heavy		May cause cancer.
Methyl ethyl ketoxime		May cause cancer.
Naphtha (petroleum), hydrodesulfurized heavy	Naphtha (petroleum), hydrodesulfurized heavy	Component may cause cancer.

# Safety Data Sheet

According to HSNO Regulations

Initial preparation date: 04.24.2018

Page 8 of 11

## POR-15 CALIPER PAINT RED

### International Agency for Research on Cancer (IARC):

Name	Classification
Stoddard Solvent	Group 3
Diiron trioxide	Group 3 - Not classifiable as to its carcinogenicity to humans
Cobalt bis(2-ethylhexanoate)	Group 2B

### National Toxicology Program (NTP):

Name	Classification
Cobalt bis(2-ethylhexanoate)	Reasonably anticipated to be human carcinogens

### Germ cell mutagenicity

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:** No data available.

**Substance data:**

Name	Result
Stoddard Solvent	May cause genetic defects.
Naphtha (petroleum), hydrotreated heavy	May cause genetic defects.
Naphtha (petroleum), hydrodesulfurized heavy	May cause genetic defects.

### Reproductive toxicity

**Assessment:** Suspected of damaging fertility or the unborn child

**Product data:** No data available.

**Substance data:**

### Specific target organ toxicity (single exposure)

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:** No data available.

**Substance data:**

Name	Result
Naphtha (petroleum), hydrotreated heavy	Component affects the central nervous system.
Naphtha (petroleum), hydrodesulfurized heavy	Component affects the central nervous system.

### Specific target organ toxicity (repeated exposure)

**Assessment:** Causes damage to organs through prolonged or repeated exposure

**Product data:** No data available.

**Substance data:**

Name	Result
Stoddard Solvent	Causes damage to organs through prolonged or repeated exposure.
Naphtha (petroleum), hydrodesulfurized heavy	Causes damage to organs in central nervous system (CNS) through prolonged or repeated exposure.

### Aspiration toxicity

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:** No data available.

**Substance data:**

Name	Result
Stoddard Solvent	May be fatal if swallowed and enters airways.
Naphtha (petroleum), hydrotreated heavy	May be fatal if swallowed and enters airway.
Naphtha (petroleum), hydrodesulfurized heavy	May be fatal if swallowed and enters airways.

### Information on likely routes of exposure:

No data available.



# Safety Data Sheet

According to HSNO Regulations

Initial preparation date: 04.24.2018

Page 9 of 11

## POR-15 CALIPER PAINT RED

### Symptoms related to the physical, chemical and toxicological characteristics:

No data available.

### Other information:

No data available.

## SECTION 12: Ecological information

### Acute (short-term) toxicity

**Assessment:** Harmful to aquatic life

**Product data:** No data available.

**Substance data:**

### Chronic (long-term) toxicity

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:** No data available.

**Substance data:**

Name	Result
Stoddard Solvent	NOEC Fish: 0.14 mg/L (96 Hr)
Cobalt bis(2-ethylhexanoate)	NOEC - Pimephales promelas - 0.21 mg/L - 34 d

### Persistence and degradability

**Product data:** No data available.

**Substance data:** No data available.

### Bioaccumulative potential

**Product data:** No data available.

**Substance data:** No data available.

### Mobility in soil

**Product data:** No data available.

**Substance data:** No data available.

### Hazard to the ozone layer

**Product data:** No data available.

**Substance data:** No data available.

**Other adverse effects:** No data available.



## SECTION 13: Disposal considerations

### Disposal methods:

It is the responsibility of the waste generator to properly characterize all waste materials according to applicable regulatory entities.

## SECTION 14: Transportation information

### Road/Rail transport: (NZS 5433:1999)

UN number	1263
UN proper shipping name	Paint
UN transport hazard class(es)	3  
Packing group	III
Environmental hazards	Marine Pollutant

# Safety Data Sheet

According to HSNO Regulations



Initial preparation date: 04.24.2018

Page 10 of 11



## POR-15 CALIPER PAINT RED

	(Stoddard Solvent, Naphtha (petroleum), hydrotreated heavy)
<b>Special precautions for user</b>	None

### International Maritime Dangerous Goods (IATA)

<b>UN number</b>	1263
<b>UN proper shipping name</b>	Paint
<b>UN transport hazard class(es)</b>	3  
<b>Packing group</b>	III
<b>Environmental hazards</b>	Marine Pollutant (Stoddard Solvent, Naphtha (petroleum), hydrotreated heavy)
<b>Special precautions for user</b>	None
<b>ERG code</b>	3L
<b>Excepted quantities</b>	E1
<b>Passenger and cargo</b>	60L
<b>Cargo aircraft only</b>	220L
<b>Limited quantity</b>	10L
<b>Additional Information</b>	No additional data

### International Air Transport Association Dangerous Goods Regulations (IMDG)

<b>UN number</b>	1263
<b>UN proper shipping name</b>	Paint
<b>UN transport hazard class(es)</b>	3  
<b>Packing group</b>	III
<b>Environmental hazards</b>	Marine Pollutant (Stoddard Solvent, Naphtha (petroleum), hydrotreated heavy)
<b>Special precautions for user</b>	None
<b>EmS number</b>	F-E, S-E
<b>Stowage category</b>	A
<b>Excepted quantities</b>	E1
<b>Limited quantity</b>	5L

### Transport in bulk according to Annex II of MARPOL and the IBC Code

<b>Bulk Name</b>	None
<b>Ship type</b>	None
<b>Pollution category</b>	None

# Safety Data Sheet

According to HSNO Regulations

Initial preparation date: 04.24.2018

Page 11 of 11

## POR-15 CALIPER PAINT RED

### SECTION 15: Regulatory information

#### New Zealand Inventory of Chemicals (NZIoC):

64742-48-9	Naphtha (petroleum), hydrotreated heavy	Listed /Not Listed
64742-82-1	Naphtha (petroleum), hydrodesulfurized heavy	Listed
108-65-6	1-Methoxy-2-propanol acetate	Listed
1309-37-1	Diiron trioxide	Listed
136-52-7	Cobalt bis(2-ethylhexanoate)	Listed
96-29-7	Methyl ethyl ketoxime	Listed
8052-41-3	Stoddard Solvent	Listed

#### HSNO Classification or Subclasses:

Class	GHS Category	HSNO Category
Flammable liquids	Category 3	3.1C
Skin sensitization	Category 1	6.5B
Specific target organ toxicity - repeated exposure	Category 1	6.9A
Carcinogenicity	Category 2	6.7B
Reproductive toxicity	Category 2	6.8B
Acute aquatic hazard	Category 3	9.1D
Chronic aquatic hazard	Category 2	9.1B

<b>HSNO Group Standard Name:</b>	<b>HSNO Approval Number:</b>
Surface Coatings and Colourants (Flammable, Toxic [6.7])	HSR002669

### SECTION 16: Other information

**Abbreviations and Acronyms:** None

**Disclaimer:**

The information provided in this SDS is correct, to the best of our knowledge, based on information available. The information given is designed only as a guidance for safe handling, use, storage, transportation and disposal 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, unless specified in the text. The responsibility to provide a safe workplace remains with the user.

**Initial preparation date:** 04.24.2018

**Revision Date:** New

**End of Safety Data Sheet**