

Safety Data Sheet

According to HSNO Regulations

Initial preparation date: 04.24.2018

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Engine Enamel MG MAROON

SECTION 1: Identification

Product identifier

Product name: Engine Enamel MG MAROON

Product code: 42208

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
Eye irritation	Category 2A	6.4A
Skin irritation	Category 2	6.3A
Skin sensitization	Category 1	6.5B
Aspiration hazard	Category 1	6.1E
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

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GHS classification:

Flammable liquids, Category 3
Eye irritation, Category 2A
Skin irritation, Category 2
Skin sensitization, Category 1
Aspiration hazard, 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

Label elements

Hazard pictograms:



Signal word: Danger

Hazard statements and Precautionary statements:

H226 Flammable liquid and vapor.
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.
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.
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
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.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308+P313 If exposed or concerned: Get medical advice/attention.

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P314 Get medical advice/attention if you feel unwell.
P321 Specific treatment (see first aid information on this label).
P331 Do NOT induce vomiting.
P332+P313 If skin irritation occurs: Get medical advice/attention.
P333+P313 If skin irritation or a rash occurs: Get medical advice/attention.
P337+P313 If eye irritation persists get medical advice/attention.
P362 Take off contaminated clothing and wash before reuse.
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.

SECTION 3: Composition/information on ingredients

Mixture:

Identification	Name	Weight %
CAS number: 8052-41-3	Stoddard Solvent	28-32
CAS number: 556-67-2	Octamethylcyclotetrasiloxane	5-10
CAS number: 64742-47-8	Distillates (petroleum), hydrotreated light	1-5
CAS number: 1309-37-1	Diiron trioxide	1-3
CAS number: 136-52-7	Cobalt bis(2-ethylhexanoate)	<0.5
CAS number: 96-29-7	Methyl ethyl ketoxime	<0.5
CAS number: 64742-48-9	Naphtha (petroleum), hydrotreated heavy	<0.5
CAS number: 91-20-3	Naphthalene	<0.01

Additional information:

Not determined or not available.

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

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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

Most important symptoms and effects, both acute and delayed:

Acute symptoms and effects:

Product is 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.
Exposure may cause 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.

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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.
- 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.

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SECTION 8: Exposure controls and personal protection

Occupational Exposure limit values:

Country (Legal Basis)	Substance	Identifier	Permissible concentration
New Zealand	Stoddard Solvent	8052-41-3	TWA: 100 ppm. TWA: 525 mg/m ³
	Naphthalene	91-20-3	TWA 52 mg/m ³ (10 ppm) STEL 79 mg/m ³ (15 ppm)
	Diiron trioxide	1309-37-1	TWA 5 mg/m ³ Iron oxide dust and fume (Fe ₂ O ₃), as Fe

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.

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	Maroon 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.

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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 ³
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)
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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.

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:

Oxidizing agents.

Hazardous decomposition products:

CO, CO₂.

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:

Name	Route	Result
Naphthalene	oral	LD50 - Mouse - 316 mg/kg

Skin corrosion/irritation:

Assessment: Causes skin irritation

Product data: No data available.

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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: Causes serious eye irritation

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.
Naphthalene	Not applicable.	Suspected of causing cancer.
Naphtha (petroleum), hydrotreated heavy		May cause cancer.
Methyl ethyl ketoxime		May cause cancer.

International Agency for Research on Cancer (IARC):

Name	Classification
Stoddard Solvent	Group 3
Cobalt bis(2-ethylhexanoate)	Group 2B
Naphthalene	Group 2B - Possibly carcinogenic to humans
Distillates (petroleum), hydrotreated light	Group 3 - Not classifiable as to its carcinogenicity to humans
Diiron trioxide	Group 3 - Not classifiable as to its carcinogenicity to

National Toxicology Program (NTP):

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

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Reproductive toxicity

Assessment: Suspected of damaging fertility or the unborn child

Product data: No data available.

Substance data:

Name	Result
Octamethylcyclotetrasiloxane	Suspected human reproductive toxicant.

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.

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

Aspiration toxicity

Assessment: May be fatal if swallowed and enters airways

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.
Distillates (petroleum), hydrotreated light	May be fatal if swallowed and enters airway.

Information on likely routes of exposure:

No data available.

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:

Name	Result
Naphthalene	LC50 - Opossum Shrimp - 0.85 mg/L - 96 h
	LC50 - Melanotaenia fluviatilis (Crimson-Spotted Rainbowfish) - 0.213 mg/L - 96 h

Chronic (long-term) toxicity

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

Product data: No data available.

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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 (Stoddard Solvent, Naphtha (petroleum), hydrotreated heavy)	
Special precautions for user	None	

International Maritime Dangerous Goods (IMDG)

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

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	(Stoddard Solvent, Naphtha (petroleum), hydrotreated heavy)
Special precautions for user	None
EmS number	F-E, S-E
Stowage category	A
Excepted quantities	E1
Limited quantity	5L

International Air Transport Association Dangerous Goods Regulations (IATA-ICAO)

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

Transport in bulk according to Annex II of MARPOL and the IBC Code: No additional data

SECTION 15: Regulatory information

New Zealand Inventory of Chemicals (NZIoC):

8052-41-3	Stoddard Solvent	Listed
556-67-2	Octamethylcyclotetrasiloxane	Listed
64742-47-8	Distillates (petroleum), hydrotreated light	Listed
1309-37-1	Diiron trioxide	Listed
136-52-7	Cobalt bis(2-ethylhexanoate)	Listed
96-29-7	Methyl ethyl ketoxime	Listed
64742-48-9	Naphtha (petroleum), hydrotreated heavy	Listed
91-20-3	Naphthalene	Listed

HSNO Classification or Subclasses:

Class	GHS Category	HSNO Category
Flammable liquids	Category 3	3.1C
Eye irritation	Category 2A	6.4A
Skin irritation	Category 2	6.3A

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Skin sensitization	Category 1	6.5B
Aspiration hazard	Category 1	6.1E
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

HSNO Group Standard Name :	HSNO Approval Number:
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.

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Revision Date: New

End of Safety Data Sheet