

# SAFETY DATA SHEET

according to HSNO Act 1996

Printing date 03.07.2019

Revision: 03.07.2019

## 1 . IDENTIFICATION: PRODUCT IDENTIFIER AND CHEMICAL IDENTITY

**Product Name:** HIGH HEAT BLACK PAINT

**Other Means of Identification:** Mixture

**Recommended Use of the Chemical and Restriction on Use:** Paint

**Details of Manufacturer or Importer:**

GMR Imports  
4 Bute St, Invercargill,  
Southland, 9810, NZ

**Phone Number:** 0800 800 718

**Emergency telephone number:** 0800 800 718

## 2 . HAZARDS IDENTIFICATION

### Hazardous Nature:

Classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and New Zealand Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001. Classified as Dangerous Goods for transport according to the New Zealand Standard NZS 5433:2007 Transport of Dangerous Goods on Land.



flame

Flammable Liquids 3

H226 Flammable liquid and vapour.



health hazard

Toxic To Reproduction 2

H361 Suspected of damaging fertility or the unborn child.

STOT SE 2

H371 May cause damage to organs.



Skin Corrosion/Irritation 2

H315 Causes skin irritation.

Serious Eye Damage/Irritation 2A

H319 Causes serious eye irritation.

Acute Toxicity (Oral) 5

H303 May be harmful if swallowed.

Acute Toxicity (Dermal) 5

H313 May be harmful in contact with skin.

Aquatic Acute 3

H402 Harmful to aquatic life.

Aquatic Chronic 3

H412 Harmful to aquatic life with long lasting effects.

### HSNO Classification

3.1C - Flammable liquid - medium hazard.

6.1E - Substances that are acutely toxic - May be harmful

6.3A - Substances that are irritating to the skin.

6.4A - Substances that are irritating to the eye.

6.8B - Substances that are suspected human reproductive or developmental toxicants.

6.9B - Substances that are harmful to human target organs or systems.

9.1D - Substances that are slightly harmful to the aquatic environment or are otherwise designed for biocidal action.

9.3C - Substances that are harmful to terrestrial vertebrates.

**Signal Word** Warning

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
**Hazard Statements**

- H226 Flammable liquid and vapour.  
 H303 May be harmful if swallowed.  
 H313 May be harmful in contact with skin.  
 H315 Causes skin irritation.  
 H319 Causes serious eye irritation.  
 H361 Suspected of damaging fertility or the unborn child.  
 H371 May cause damage to organs.  
 H412 Harmful to aquatic life with long lasting effects.

**Precautionary Statements**

- 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/vapours/spray.  
 P264 Wash hands thoroughly after handling.  
 P270 Do not eat, drink or smoke when using this product.  
 P273 Avoid release to the environment.  
 P280 Wear protective gloves/protective clothing/eye protection/face protection.  
 P303+P361+P353 IF ON SKIN (or hair): 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.  
 P312 Call a POISON CENTER/doctor if you feel unwell.  
 P321 Specific treatment (see on this label).  
 P362+P364 Take off contaminated clothing and wash it before reuse.  
 P332+P313 If skin irritation occurs: Get medical advice/attention.  
 P337+P313 If eye irritation persists: Get medical advice/attention.  
 P370+P378 In case of fire: Use to extinguish: CO<sub>2</sub>, powder or water spray.  
 P403+P235 Store in a well-ventilated place. Keep cool.  
 P405 Store locked up.  
 P501 Dispose of contents/container in accordance with local/regional/national regulations.

**3 . COMPOSITION AND INFORMATION ON INGREDIENTS****Chemical Characterization: Mixtures****Description:** Mixture of substances listed below with nonhazardous additions.**Hazardous Components:**

CAS: 1330-20-7	Xylene	20%
	 Flammable Liquids 3, H226;  Toxic To Reproduction 2, H361; STOT SE 2, H371;  Acute Toxicity (Oral) 4, H302; Acute Toxicity (Dermal) 4, H312; Skin Corrosion/Irritation 2, H315; Serious Eye Damage/Irritation 2A, H319; Acute Toxicity (Inhalation) 5, H333; Aquatic Acute 2, H401; Aquatic Chronic 3, H412	

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CAS: 64742-95-6	Solvent naphtha (petroleum), light arom. ⚠️ Aspiration Hazard 1, H304; Flammable Liquids 4, H227	8%
CAS: 98-82-8	Cumene ⚠️ Flammable Liquids 3, H226; ⚠️ STOT SE 2, H371; ⚠️ Aquatic Chronic 2, H411; ⚠️ Acute Toxicity (Oral) 4, H302; Serious Eye Damage/Irritation 2A, H319; Acute Toxicity (Dermal) 5, H313; Acute Toxicity (Inhalation) 5, H333; Skin Corr. 3, H316	0.8%

## 4 . FIRST AID MEASURES

**Inhalation:**

If inhaled, remove to fresh air. If not breathing, give artificial respiration. Seek medical attention if breathing problems develop.

**Skin Contact:**

In case of skin contact, immediately remove contaminated clothing and wash affected areas with water and soap. Seek medical attention if symptoms occur.

**Eye Contact:**

In case of eye contact, hold eyelids open and rinse with water for at least 15 minutes. Seek medical attention if symptoms occur.

**Ingestion:**

If swallowed, do not induce vomiting. Immediately rinse mouth with water. Give a glass of water. Never give anything by mouth to an unconscious person. Seek immediate medical attention.

**Symptoms Caused by Exposure:**

Inhalation: May be harmful if inhaled. May cause respiratory irritation and chest tightness.

Skin Contact: May be harmful in contact with skin. Causes skin irritation.

Eye Contact: Causes serious eye irritation and redness.

Ingestion: May be harmful if swallowed. May cause vomiting and diarrhoea.

## 5 . FIRE FIGHTING MEASURES

**Suitable Extinguishing Media:**

Alcohol-resistant foam, dry chemical powder or carbon dioxide. Do not use full water jet.

**Specific Hazards Arising from the Chemical:**

Hazardous combustion products include oxides of carbon.

Product is flammable.

Containers close to fire should be removed if safe to do so. Use water spray to cool fire exposed containers.

**Special Protective Equipment and Precautions for Fire Fighters:**

When fighting a major fire wear self-contained breathing apparatus and protective equipment.

## 6 . ACCIDENTAL RELEASE MEASURES

**Personal Precautions, Protective Equipment and Emergency Procedures:**

Wear approved respiratory protection, chemical resistant gloves, protective clothing and safety boots. Evacuate all non-essential personnel from affected area. Do not breathe vapours. Ensure adequate ventilation. Extinguish all sources of ignition. Avoid sparks and open flames. No smoking.

**Environmental Precautions:**

In the event of a major spill, prevent spillage from entering drains or water courses.

**Methods and Materials for Containment and Cleaning Up:**

Stop leak if safe to do so and absorb spill with sand, earth, vermiculite or some other absorbent material. Collect the spilled material and place into a suitable container for disposal.

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## 7 . HANDLING AND STORAGE

**Precautions for Safe Handling:**

Use of safe work practices are recommended to avoid eye or skin contact and inhalation of vapours. Use only outdoors or in a well-ventilated area.

Food, beverages and tobacco products should not be stored or consumed where this material is in use. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use. Provide eyewash fountains and safety showers in close proximity to points of potential exposure.

**Conditions for Safe Storage:**

Store in a cool, dry and well ventilated area. Keep container tightly closed when not in use. Protect from heat, sparks, open flames, hot surfaces and direct sunlight. Keep away from strong oxidising agents, acids and bases. Store only in original packaging.

## 8 . EXPOSURE CONTROLS AND PERSONAL PROTECTION

**Exposure Standards:****CAS: 1330-20-7 Xylene**WES TWA: 217 mg/m<sup>3</sup>, 50 ppm**CAS: 98-82-8 Cumene**

WES	STEL: 375 mg/m <sup>3</sup> , 75 ppm
	TWA: 125 mg/m <sup>3</sup> , 25 ppm
	skin

**Engineering Controls:**

Maintain air concentration below occupational exposure standards, providing adequate ventilation. Use explosion-proof ventilating equipment.

**Respiratory Protection:**

Use an approved type A vapour respirator under conditions where exposure to the substance is apparent (e.g. generation of high concentrations of mist or vapour, inadequate ventilation, development of respiratory tract irritation) and engineering controls are not feasible. See Australian Standards AS/NZS 1715 and 1716 for more information.

**Skin Protection:**

PVC or nitrile gloves. See Australian/New Zealand Standard AS/NZS 2161 for more information. When selecting gloves for use against certain chemicals, the degradation resistance, permeation rate and permeation breakthrough time should be considered.

Occupational protective clothing (depending on conditions in which it has to be used, in particular as regards the period for which it is worn, which shall be determined on the basis of the seriousness of the risk, the frequency of exposure to the risk, the characteristics of the workstation of each worker and the performance of the protective clothing). See Australian/New Zealand Standard AS/NZS 4501 for more information.

**Eye and Face Protection:**

Eye and face protectors for protection against splashing materials or liquids. See Australian/New Zealand Standard AS/NZS 1337 for more information.

## 9 . PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:**

<b>Form:</b>	Liquid
<b>Colour:</b>	Black
<b>Odour:</b>	Aromatic
<b>Odour Threshold:</b>	No information available
<b>pH-Value:</b>	No information available

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<b>Melting point/freezing point:</b>	No information available
<b>Initial Boiling Point/Boiling Range:</b>	137 - 143 °C
<b>Flash Point:</b>	25 °C
<b>Flammability:</b>	Flammable.
<b>Auto-ignition Temperature:</b>	No information available
<b>Decomposition Temperature:</b>	No information available
<b>Explosion Limits:</b>	
<b>Lower:</b>	No information available
<b>Upper:</b>	No information available
<b>Vapour Pressure:</b>	1013 hPa
<b>Relative Density:</b>	0.9 - 1.5
<b>Vapour Density:</b>	No information available
<b>Evaporation Rate:</b>	No information available
<b>Solubility in Water:</b>	Insoluble
<b>Solubility in Solvents:</b>	Soluble in benzene.
<b>Partition Coefficient (n-octanol/water):</b>	No information available
<b>Viscosity:</b>	Viscous

## 10 . STABILITY AND REACTIVITY

**Possibility of Hazardous Reactions:** Hazardous polymerisation will not occur.

**Chemical Stability:** Stable at ambient temperature and under normal conditions of use.

**Conditions to Avoid:** Heat, sparks, open flames, hot surfaces and direct sunlight.

**Incompatible Materials:** Strong oxidising agents, acids and bases.

**Hazardous Decomposition Products:** Oxides of carbon.

## 11 . TOXICOLOGICAL INFORMATION

### Toxicity:

#### LD<sub>50</sub>/LC<sub>50</sub> Values Relevant for Classification:

#### CAS: 1330-20-7 Xylene

Oral	LD <sub>50</sub>	1,590 mg/kg (mouse) 4,300 mg/kg (rat)
Dermal	LD <sub>50</sub>	2,000 mg/kg (rabbit)
Inhalation	LC <sub>50</sub> /4 h	6,350 mg/l (rat)

#### CAS: 64742-95-6 Solvent naphtha (petroleum), light arom.

Oral	LD <sub>50</sub>	>6,800 mg/kg (rat)
Dermal	LD <sub>50</sub>	>3,400 mg/kg (rabbit)
Inhalation	LC <sub>50</sub> /4 h	>10.2 mg/l (rat)

#### CAS: 98-82-8 Cumene

Oral	LD <sub>50</sub>	1,400 mg/kg (rat)
Dermal	LD <sub>50</sub>	12,300 mg/kg (rabbit)
Inhalation	LC <sub>50</sub> /4 h	24.7 mg/l (mouse)

### Acute Health Effects

**Inhalation:** May be harmful if inhaled. May cause respiratory irritation and chest tightness.

**Skin:** May be harmful in contact with skin. Causes skin irritation.

**Eye:** Causes serious eye irritation and redness.

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**Ingestion:** May be harmful if swallowed. May cause vomiting and diarrhoea.**Skin Corrosion / Irritation:** Causes skin irritation.**Serious Eye Damage / Irritation:** Causes serious eye irritation.**Respiratory or Skin Sensitisation:** Based on classification principles, the classification criteria are not met.**Germ Cell Mutagenicity:** Based on classification principles, the classification criteria are not met.**Carcinogenicity:**

Cumene is classified by IARC as Group 2B - Possibly carcinogenic to humans.

Xylenes are classified by IARC as Group 3 - Not classifiable as to its carcinogenicity to humans.

**Reproductive Toxicity:** Suspected of damaging fertility or the unborn child.**Specific Target Organ Toxicity (STOT) - Single Exposure:** May cause damage to organs.**Specific Target Organ Toxicity (STOT) - Repeated Exposure:**

Based on classification principles, the classification criteria are not met.

**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:

Harmful

Irritant

## 12 . ECOLOGICAL INFORMATION

**Ecotoxicity:** Harmful to terrestrial vertebrates.**Aquatic toxicity:**

Harmful to aquatic life with long lasting effects.

**CAS: 1330-20-7 Xylene**

EC <sub>50</sub>	>1-10 mg/l (bacterial)
	>1-10 mg/l (scenedesmus subspicatus)
EC <sub>50</sub> /48 h	3.1 mg/l (daphnia)
LC <sub>50</sub>	86 mg/l (leuciscus idus)

**Persistence and Degradability:** No further relevant information available.**Bioaccumulative Potential:** No further relevant information available.**Mobility in Soil:** This product is insoluble and is absorbed only slowly into soil.**Other adverse effects:** No further relevant information available.

## 13 . DISPOSAL CONSIDERATIONS

**Disposal Methods and Containers:** Dispose according to applicable local and state government regulations.**Special Precautions for Landfill or Incineration:**

Please consult your state Land Waste Management Authority for more information.

## 14 . TRANSPORT INFORMATION

**UN Number**

NZS 5433

UN1263

IMDG, IATA

UN1263

**Proper Shipping Name**

NZS 5433

PAINT

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<b>IMDG, IATA</b>	PAINT
<b>Dangerous Goods Class</b>	
<b>NZS 5433</b>	3 Flammable liquids.
<b>IMDG Class:</b>	3 Flammable liquids.
<b>Packing Group:</b>	
<b>NZS 5433</b>	III
<b>IMDG, IATA</b>	III
<b>EMS Number:</b>	F-E, <u>S-E</u>
<b>Hazchem Code:</b>	3Y
<b>Special Provisions:</b>	163, 223
<b>Limited Quantities:</b>	5L
<b>Excepted quantities (EQ)</b>	Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
<b>Packagings &amp; IBCs - Packing Instruction:</b>	P001, IBC03, LP01
<b>Packagings &amp; IBCs - Special Packing Provisions:</b>	PP1
<b>Portable Tanks &amp; Bulk Containers - Instructions:</b>	T2
<b>Portable Tanks &amp; Bulk Containers - Special Provisions:</b>	TP1, TP29

## 15 . REGULATORY INFORMATION

### HSNO Approval Code / Group Standard:

Surface Coatings and Colourants (Flammable) Group Standard 2017

HSNO Approval Number: HSR002662

### New Zealand Inventory of Chemicals

All ingredients are listed.

## 16 . OTHER INFORMATION

**Date of Preparation or Last Revision:** 03.07.2019**Prepared by:** MSDS.COM.AU Pty Ltd[www.msds.com.au](http://www.msds.com.au)

### Abbreviations and acronyms:

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC<sub>50</sub>: Lethal concentration, 50 percentLD<sub>50</sub>: Lethal dose, 50 percent

IARC: International Agency for Research on Cancer

STEL: Short Term Exposure Limit

TWA: Time Weighted Average

WES: Workplace Exposure Standard

Flammable Liquids 3: Flammable liquids – Category 3

Flammable Liquids 4: Flammable liquids – Category 4

Acute Toxicity (Oral) 4: Acute toxicity – Category 4

Acute Toxicity (Inhalation) 5: Acute toxicity – Category 5

Skin Corrosion/Irritation 2: Skin corrosion/irritation – Category 2

Skin Corr. 3: Skin corrosion/irritation – Category 3

Serious Eye Damage/Irritation 2A: Serious eye damage/eye irritation – Category 2A

Toxic To Reproduction 2: Reproductive toxicity – Category 2

STOT SE 2: Specific target organ toxicity (single exposure) – Category 2

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Aspiration Hazard 1: Aspiration hazard – Category 1

Aquatic Acute 2: Hazardous to the aquatic environment, short-term (Acute). Category 2

Aquatic Acute 3: Hazardous to the aquatic environment, short-term (Acute). Category 3

Aquatic Chronic 2: Hazardous to the aquatic environment, long-term (Chronic). Category 2

Aquatic Chronic 3: Hazardous to the aquatic environment, long-term (Chronic). Category 3

**Disclaimer**

This SDS is prepared in accord with the New Zealand Chemical Industry Council document 'Code of Practice (No. HSNO CoP 8-1 09-06)'.  
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