

# Safety Data Sheet

in accordance with HSNO

Printing date 18.07.2023

Revised On: 14.06.2023

## 1 Identification of the substance or mixture and of the supplier

<b>Trade name:</b>	<b>OE SHINY GALV</b>
<b>Article number:</b>	0000160842
<b>Product category</b>	PC9a Paints and coatings.
<b>Process category</b>	PROC2 Chemical production or refinery in closed continuous process with occasional controlled exposure or processes with equivalent containment conditions
<b>Application of the substance / the mixture</b>	Painting and coating.
<b>Uses advised against</b>	Any that differs from the recommended use.
<b>Manufacturer/Supplier:</b>	Import Distribution T/A Formula 660B Cryers Road East Tamaki Auckland 2013 New Zealand
<b>Emergency telephone number:</b>	National Poisons Centre 0800 764 766

## 2 Hazards identification

### Classification of the substance or mixture

Aerosol 1	H222-H229	Extremely flammable aerosol. Pressurized container: may burst if heated.
Skin Irrit. 2	H315	Causes skin irritation.
Eye Irrit. 2	H319	Causes serious eye irritation.
Repr. 1	H360	May damage fertility or the unborn child.
STOT SE 3	H336	May cause drowsiness or dizziness.
STOT RE 2	H373	May cause damage to organs through prolonged or repeated exposure.
Aquatic Chronic 2	H411	Toxic to aquatic life with long lasting effects.

### Additional information:

### Hazard pictograms



GHS02 GHS07 GHS08 GHS09

### Signal word

Danger

### Hazard-determining components of labelling:

### Hazard statements

Toluene

Extremely flammable aerosol. Pressurized container: may burst if heated.  
Causes skin irritation.  
Causes serious eye irritation.  
May damage fertility or the unborn child.  
May cause drowsiness or dizziness.  
May cause damage to organs through prolonged or repeated exposure.  
Toxic to aquatic life with long lasting effects.

### Precautionary statements

If medical advice is needed, have product container or label at hand.  
Keep out of reach of children.  
Read carefully and follow all instructions.  
Obtain special instructions before use.  
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
Do not spray on an open flame or other ignition source.  
Do not pierce or burn, even after use.  
Do not breathe dust/fume/gas/mist/vapours/spray.  
Wash thoroughly after handling.  
Use only outdoors or in a well-ventilated area.  
Wear eye protection / face protection.  
IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
Call a POISON CENTER/doctor if you feel unwell.  
Specific treatment (see on this label).  
Take off contaminated clothing and wash it before reuse.  
If eye irritation persists: Get medical advice/attention.  
Store locked up.  
Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.  
Dispose of contents/container in accordance with local/regional/national/international regulations.

## 3 Composition/Information on ingredients

**Chemical characterisation: Mixtures** Classification according to HSNO Act 1996--2.1.2A Flammable Aerosols

**Description:** Mixture of substances listed below with nonhazardous additions.

### Dangerous components:

CAS: 67-64-1	Acetone	25-50%
EINECS: 200-662-2	Flam. Liq. 2, H225; Eye Irrit. 2, H319; STOT SE 3, H336 Specific concentration limit: STOT SE 3; H336: C ≥ 10 %	

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CAS: 74-98-6 EINECS: 200-827-9	propane Flam. Gas 1A, H220	15-25%
CAS: 108-88-3 EINECS: 203-625-9	Toluene Flam. Liq. 2, H225; Repr. 1, H360; STOT RE 2, H373; Skin Irrit. 2, H315; STOT SE 3, H336	≥15-<20%
CAS: 7440-66-6 EINECS: 231-175-3	zinc powder Aquatic Acute 1, H400; Aquatic Chronic 1, H410	10-15%
CAS: 106-97-8	n-butane Flam. Gas 1A, H220	10-15%
CAS: 64742-47-8 EINECS: 265-149-8	Mineral Spirits Flam. Liq. 3, H226	1-5%
CAS: 123-86-4 EINECS: 204-658-1	butyl acetate Flam. Liq. 3, H226; STOT SE 3, H336	1-5%
CAS: 1314-13-2 EINECS: 215-222-5	zinc oxide Aquatic Acute 1, H400; Aquatic Chronic 1, H410	0.16%

## 4 First aid measures

<b>After inhalation:</b>	Supply fresh air; consult doctor in case of complaints.
<b>After skin contact:</b>	Generally the product does not irritate the skin.
<b>After eye contact:</b>	Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
<b>After swallowing:</b>	Do not induce vomiting; call for medical help immediately.
<b>Information for doctor:</b>	
<b>Most important symptoms and effects, both acute and delayed</b>	Dizziness
<b>Indication of any immediate medical attention and special treatment needed</b>	No further relevant information available.

## 5 Fire fighting measures

<b>Extinguishing agents:</b>	CO <sub>2</sub> , powder or water spray. Fight larger fires with water spray.
<b>Unsuitable extinguishing agents:</b>	Water
<b>Special hazards arising from the substance or mixture</b>	Can form explosive gas-air mixtures.
<b>Protective equipment:</b>	Mount respiratory protective device.
<b>Additional information</b>	Cool endangered receptacles with water spray.

## 6 Accidental release measures

<b>Personal precautions, protective equipment and emergency procedures</b>	Use respiratory protective device against the effects of fumes/dust/aerosol.
<b>Environmental precautions:</b>	Do not allow product to reach sewage system or any water course.
<b>Methods and material for containment and cleaning up:</b>	Dispose contaminated material as waste according to item 13.

## 7 Handling and storage

<b>Precautions for safe handling</b>	Use only in well ventilated areas.
<b>Fire/explosion protection:</b>	Keep respiratory protective device available. Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C, i.e. electric lights. Do not pierce or burn, even after use. Do not spray onto a naked flame or any incandescent material.
<b>Conditions for safe storage, including any incompatibilities</b>	
<b>Requirements to be met by storerooms and receptacles:</b>	Suitable material for receptacles and pipes: steel or stainless steel.
<b>Information about storage in one common storage facility:</b>	Not available.
<b>Specific end use(s)</b>	No further relevant information available.

## 8 Exposure controls/personal protection

### Ingredients with limit values that require monitoring at the workplace:

#### 67-64-1 Acetone

WES	Short-term value: 2375 mg/m <sup>3</sup> , 1000 ppm Long-term value: 1185 mg/m <sup>3</sup> , 500 ppm bio
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#### 74-98-6 propane

WES	Simple asphyxiant; may present an explosion hazard
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**108-88-3 Toluene**

WES Short-term value: 377 mg/m<sup>3</sup>, 100 ppm  
Long-term value: 75 mg/m<sup>3</sup>, 20 ppm  
skin, oto, bio

**106-97-8 n-butane**

WES Long-term value: 1900 mg/m<sup>3</sup>, 800 ppm

**123-86-4 butyl acetate**

WES Short-term value: 950 mg/m<sup>3</sup>, 200 ppm  
Long-term value: 713 mg/m<sup>3</sup>, 150 ppm

**Exposure controls****General protective and hygienic measures:**

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 eyes and skin.  
Do not eat or drink while working.

**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  
Neoprene gloves  
The glove material has to be impermeable and resistant to the product.

**Eye protection:**

Tightly sealed goggles

**9 Physical and chemical properties**

**Appearance:** Aerosol.  
**Form:** Not determined.  
**Odour:** Aromatic  
**Odour threshold:** Not determined.  
**pH-value:** Not determined.  
**Melting point/freezing point:** Undetermined.  
**Initial boiling point and boiling range:** -44.5 °C (-48.1 °F)  
**Flash point:** -19 °C (-2.2 °F)  
**Flammability (solid, gas):**  
**Ignition temperature:** 470 °C (878 °F)  
**Decomposition temperature:** Not determined.  
**Auto-ignition temperature:** Product is not selfigniting.  
**Explosive properties:** In use, may form flammable/explosive vapour-air mixture.  
**Lower:** 1.7 Vol %  
**Upper:** 10.9 Vol %  
**Vapour pressure:** Not determined.  
**Density at 20 °C (68 °F):** 0.8 g/cm<sup>3</sup> (6.7 lbs/gal)  
**Relative density** Not determined.  
**Vapour density** Not determined.  
**Evaporation rate** Not applicable.  
**Solubility:** Fully miscible.  
**Partition coefficient: n-octanol/water:** Not determined.  
**Viscosity:** Not determined.  
**Dynamic:** Not determined.  
**Kinematic:** Not determined.  
**Other information** No further relevant information available.

**10 Stability and reactivity**

**Thermal decomposition / conditions to be avoided:** Stable at environment temperature.  
**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**

**Acute toxicity---** Based on available data, the classification criteria are not met.

**LD/LC50 values relevant for classification:****123-86-4 butyl acetate**

Oral	LD50	14,000 mg/kg (rat)
Inhalative	LC50/4 h	>21 mg/l (rat)

**Skin corrosion/irritation** Causes skin irritation.

**Serious eye damage/irritation** Causes serious eye irritation.

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<b>Respiratory or skin sensitisation</b> <b>Germ cell mutagenicity</b> <b>Carcinogenicity</b> <b>Reproductive toxicity</b> <b>STOT-single exposure</b> <b>STOT-repeated exposure</b> <b>Aspiration hazard</b>	Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met. May damage fertility or the unborn child. May cause drowsiness or dizziness. May cause damage to organs through prolonged or repeated exposure. Based on available data, the classification criteria are not met.
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## 12 Ecological information

<b>Aquatic toxicity:</b> <b>Persistence and degradability</b> <b>Bioaccumulative potential</b> <b>Mobility in soil</b> <b>General notes:</b>	No further relevant information available. The product is biodegradable after prolonged adaptation. No further relevant information available. No further relevant information available. Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water Do not allow product to reach ground water, water course or sewage system.
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## 13 Disposal considerations

<b>Uncleaned packaging:</b> <b>Recommendation:</b> <b>Recommended cleansing agents:</b>	Disposal must be made according to official regulations. Water, if necessary together with cleansing agents.
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## 14 Transport information

<b>UN-Number</b> <b>NZS, IMDG, IATA</b> <b>UN proper shipping name</b> <b>NZS</b> <b>IMDG</b> <b>IATA</b> <b>Transport hazard class(es)</b> <b>Class</b> <b>Label</b>  <b>IMDG, IATA</b> <b>Class</b> <b>Label</b> <b>Packing group</b> <b>NZS, IMDG, IATA</b> <b>Environmental hazards:</b> <b>Marine pollutant:</b> <b>Special marking (NZS):</b> <b>Special precautions for user</b> <b>Hazard identification number (Kemler code):</b> <b>EMS Number:</b> <b>Stowage Code</b>	UN1950 UN1950  1950 AEROSOLS, ENVIRONMENTALLY HAZARDOUS AEROSOLS, MARINE POLLUTANT AEROSOLS, flammable  2.5F Gases. 2.1  2.1 Gases. 2.1  Void  Symbol (fish and tree) Symbol (fish and tree) Warning: Gases. - F-D,S-U SW1 Protected from sources of heat. SW22 For AEROSOLS with a maximum capacity of 1 litre: Category A. For AEROSOLS with a capacity above 1 litre: Category B. For WASTE AEROSOLS: Category C, Clear of living quarters. SG69 For AEROSOLS with a maximum capacity of 1 litre: Segregation as for class 9. Stow "separated from" class 1 except for division 1.4. For AEROSOLS with a capacity above 1 litre: Segregation as for the appropriate subdivision of class 2. For WASTE AEROSOLS: Segregation as for the appropriate subdivision of class 2.
<b>Segregation Code</b>	Segregation as for the appropriate subdivision of class 2.
<b>Transport in bulk according to Annex II of Marpol and the IBC Code</b>	Not applicable.
<b>Transport/Additional information:</b>	
<b>NZS</b> <b>Limited quantities (LQ)</b> <b>Excepted quantities (EQ)</b>	1L Code: E0 Not permitted as Excepted Quantity
<b>Transport category</b> <b>Tunnel restriction code</b>	2 D
<b>IMDG</b>	
<b>Limited quantities (LQ)</b> <b>Excepted quantities (EQ)</b>	1L Code: E0 Not permitted as Excepted Quantity

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UN "Model Regulation":

UN 1950 AEROSOLS, 2.1, ENVIRONMENTALLY HAZARDOUS

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## 15 Regulatory information

### New Zealand Inventory of Chemicals

67-64-1	Acetone
74-98-6	propane
108-88-3	Toluene
7440-66-6	zinc powder
64742-47-8	Mineral Spirits
123-86-4	butyl acetate
28262-63-7	Acrylic Resin
7429-90-5	Aluminum flake
1344-00-9	Synthetic Zeolite
68611-44-9	AEROSIL R972
67-68-5	dimethyl sulfoxide
1314-13-2	zinc oxide
64742-95-6	Solvent naphtha, light aromatic
22464-99-9	solid zirco drier
136-52-7	cobalt bis(2-ethylhexanoate)
7447-41-8	lithium chloride
136-51-6	calcium bis(2-ethylhexanoate)

### HSNO Approval numbers

Approval Code: HSR002515

67-64-1	Acetone	HSR001070
74-98-6	propane	HSR001010
108-88-3	Toluene	HSR001227
123-86-4	butyl acetate	HSR001091

### Hazard-determining components of labelling:

Toluene

### Directive 2012/18/EU Named dangerous substances - ANNEX I Seveso category

None of the ingredients is listed.  
P3a FLAMMABLE AEROSOLS  
E2 Hazardous to the Aquatic Environment

### Qualifying quantity (tonnes) for the application of lower-tier requirements

150 t

### Qualifying quantity (tonnes) for the application of upper-tier requirements

500 t

### Waterhazard class:

Water hazard class 2 (Self-assessment): hazardous for water.

### Other regulations, limitations and prohibitive regulations

Group Standard: Aerosols (flammable) Group Standard 2006

## 16 Other information

### Relevant phrases

H220 Extremely flammable gas.  
H225 Highly flammable liquid and vapour.  
H226 Flammable liquid and vapour.  
H315 Causes skin irritation.  
H319 Causes serious eye irritation.  
H336 May cause drowsiness or dizziness.  
H360 May damage fertility or the unborn child.  
H373 May cause damage to organs through prolonged or repeated exposure.  
H400 Very toxic to aquatic life.  
H410 Very toxic to aquatic life with long lasting effects.

### Department issuing SDS:

Technical Services