

# Safety Data Sheet

in accordance with HSNO

Printing date 23.03.2023

Revised On: 23.03.2023

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

<b>Trade name:</b>	<b>RUST CONVERTER PRIMER</b>
<b>Article number:</b>	0000160045
<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 60B Cryers Road East Tamaki, Auckland 2013 New Zealand telephone: 09 273 3600 website: www.formula.co.nz email: sales@formula.co.nz
<b>Emergency telephone number:</b>	NZ Poison Centre telephone: 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.

Eye Irrit. 2 H319 Causes serious eye irritation.

STOT SE 3 H336 May cause drowsiness or dizziness.

### Additional information:

### Hazard pictograms



GHS02 GHS07

### Signal word

### Hazard statements

Danger

Extremely flammable aerosol. Pressurized container: may burst if heated.

Causes serious eye irritation.

May cause drowsiness or dizziness.

### 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.

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.

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.

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 EINECS: 200-662-2	Acetone Flam. Liq. 2, H225; Eye Irrit. 2, H319; STOT SE 3, H336 Specific concentration limit: STOT SE 3; H336: C ≥ 10 %	15-25%
CAS: 74-98-6 EINECS: 200-827-9	propane Flam. Gas 1A, H220	15-25%
CAS: 540-88-5 EINECS: 208-760-7	tert-butyl acetate Flam. Liq. 2, H225	10-15%
CAS: 14807-96-6 EINECS: 238-877-9	Talc STOT SE 3, H335	10-15%
CAS: 106-97-8	n-butane Flam. Gas 1A, H220	5-10%
CAS: 123-86-4 EINECS: 204-658-1	butyl acetate Flam. Liq. 3, H226; STOT SE 3, H336	5-10%
CAS: 123-42-2 EINECS: 204-626-7	diacetone alcohol Flam. Liq. 3, H226; Eye Irrit. 2, H319 Specific concentration limit: Eye Irrit. 2; H319: C ≥ 10 %	1-5%

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CAS: 57-55-6 EINECS: 200-338-0	propylene glycol Eye Irrit. 2, H319; STOT SE 3, H335	1-5%
CAS: 64742-89-8 EINECS: 265-192-2	VM&P Naphtha Flam. Liq. 2, H225	1-5%
CAS: 108-65-6 EINECS: 203-603-9	PM acetate Flam. Liq. 3, H226	1-5%
	ethyl methyl ketoxime STOT RE 1, H372; Skin Sens. 1, H317; Flam. Liq. 4, H227; Aquatic Chronic 3, H412	≥0.2-<1%

#### 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>	CO2, powder or water spray. Fight larger fires with water spray.
<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>	Absorb liquid components with liquid-binding material.

#### 7 Handling and storage

<b>Precautions for safe handling</b>	Use only in well ventilated areas.
<b>Fire/explosion protection:</b>	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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##### 540-88-5 tert-butyl acetate

WES	Long-term value: 950 mg/m <sup>3</sup> , 200 ppm
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##### 106-97-8 n-butane

WES	Long-term value: 1900 mg/m <sup>3</sup> , 800 ppm
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##### 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
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**123-42-2 diacetone alcohol**WES Long-term value: 238 mg/m<sup>3</sup>, 50 ppm**57-55-6 propylene glycol**WES Long-term value: 474\* 10\*\* mg/m<sup>3</sup>, 150\* ppm  
\*vapour, particulates; \*\*particulates only**Exposure controls****General protective and hygienic measures:**

Immediately remove all soiled and contaminated clothing  
Wash hands before breaks and at the end of work.  
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:**

Neoprene gloves

**Eye protection:**

The glove material has to be impermeable and resistant to the product.  
Tightly sealed goggles

**9 Physical and chemical properties**

<b>Appearance:</b>	Aerosol.
<b>Form:</b>	Not determined.
<b>Odour:</b>	Aromatic
<b>Odour threshold:</b>	Not determined.
<b>pH-value:</b>	Not determined.
<b>Melting point/freezing point:</b>	Undetermined.
<b>Initial boiling point and boiling range:</b>	-44.5 °C (-48.1 °F)
<b>Flash point:</b>	-19 °C (-2.2 °F)
<b>Flammability (solid, gas):</b>	
<b>Ignition temperature:</b>	370 °C (698 °F)
<b>Decomposition temperature:</b>	Not determined.
<b>Auto-ignition temperature:</b>	Product is not selfigniting.
<b>Explosive properties:</b>	In use, may form flammable/explosive vapour-air mixture.
<b>Lower:</b>	1.7 Vol %
<b>Upper:</b>	10.9 Vol %
<b>Vapour pressure:</b>	Not determined.
<b>Density at 20 °C (68 °F):</b>	0.8 g/cm <sup>3</sup> (6.7 lbs/gal)
<b>Relative density</b>	Not determined.
<b>Vapour density</b>	Not determined.
<b>Evaporation rate</b>	Not applicable.
<b>Solubility:</b>	Fully miscible.
<b>Partition coefficient: n-octanol/water:</b>	Not determined.
<b>Viscosity:</b>	Not determined.
<b>Dynamic:</b>	Not determined.
<b>Kinematic:</b>	Not determined.
<b>Water:</b>	0.0 %

**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 &gt;21 mg/l (rat)

**123-42-2 diacetone alcohol**

Oral LD50 4,000 mg/kg (rat)

Dermal LD50 13,630 mg/kg (rab)

**108-65-6 PM acetate**

Oral LD50 8,500 mg/kg (rat)

Inhalative LC50/4 h 35.7 mg/l (rat)

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<b>Skin corrosion/irritation</b>	Based on available data, the classification criteria are not met.
<b>Serious eye damage/irritation</b>	Causes serious eye irritation.
<b>Respiratory or skin sensitisation</b>	Based on available data, the classification criteria are not met.
<b>Germ cell mutagenicity</b>	Based on available data, the classification criteria are not met.
<b>Carcinogenicity</b>	Based on available data, the classification criteria are not met.
<b>Reproductive toxicity</b>	Based on available data, the classification criteria are not met.
<b>STOT-single exposure</b>	May cause drowsiness or dizziness.
<b>STOT-repeated exposure</b>	Based on available data, the classification criteria are not met.
<b>Aspiration hazard</b>	Based on available data, the classification criteria are not met.

**12 Ecological information**

<b>Aquatic toxicity:</b>	No further relevant information available.
<b>Persistence and degradability</b>	The product is biodegradable after prolonged adaptation.
<b>Bioaccumulative potential</b>	No further relevant information available.
<b>Mobility in soil</b>	No further relevant information available.
<b>General notes:</b>	Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

**13 Disposal considerations**

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

**14 Transport information**

<b>UN-Number</b>	UN1950
<b>NZS, IMDG, IATA</b>	UN1950
<b>UN proper shipping name</b>	
<b>NZS</b>	1950 AEROSOLS
<b>IMDG</b>	AEROSOLS
<b>IATA</b>	AEROSOLS, flammable
<b>Transport hazard class(es)</b>	
<b>Class</b>	2 5F Gases.
<b>Label</b>	2.1
<b>IMDG, IATA</b>	
<b>Class</b>	2.1 Gases.
<b>Label</b>	2.1
<b>Packing group</b>	
<b>NZS, IMDG, IATA</b>	Void
<b>Environmental hazards:</b>	Not applicable.
<b>Special precautions for user</b>	Warning: Gases.
<b>Hazard identification number (Kemler code):</b>	-
<b>EMS Number:</b>	F-D,S-U
<b>Stowage Code</b>	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.
<b>Segregation Code</b>	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>Transport in bulk according to Annex II of Marpol and the IBC Code</b>	Not applicable.

**Transport/Additional information:**

<b>NZS</b>	
<b>Limited quantities (LQ)</b>	1L
<b>Excepted quantities (EQ)</b>	Code: E0 Not permitted as Excepted Quantity
<b>Transport category</b>	2
<b>Tunnel restriction code</b>	D

**IMDG**

<b>Limited quantities (LQ)</b>	1L
<b>Excepted quantities (EQ)</b>	Code: E0 Not permitted as Excepted Quantity

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UN "Model Regulation":

UN 1950 AEROSOLS, 2.1

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## 15 Regulatory information

### New Zealand Inventory of Chemicals

67-64-1	Acetone
74-98-6	propane
540-88-5	tert-butyl acetate
14807-96-6	Talc
123-86-4	butyl acetate
123-42-2	diacetone alcohol
57-55-6	propylene glycol
64742-89-8	VM&P Naphtha
108-65-6	PM acetate
28262-63-7	Acrylic Resin
64742-47-8	Mineral Spirits
68953-58-2	Alkyl Quaternary Ammonium Montmorillonite
1330-20-7	xylene (mix)
1333-86-4	Carbon black
22464-99-9	solid zirco drier
136-52-7	cobalt bis(2-ethylhexanoate)
149-91-7	3,4,5-trihydroxybenzoic acid
100-41-4	ethyl benzene
67-63-0	Isopropyl Alcohol
136-51-6	calcium bis(2-ethylhexanoate)
8002-43-5	Soya Lecithin
7732-18-5	Water
64742-95-6	Solvent naphtha, light aromatic

### HSNO Approval numbers

67-64-1	Acetone	HSR001070
74-98-6	propane	HSR001010
540-88-5	tert-butyl acetate	HSR001094
123-86-4	butyl acetate	HSR001091
123-42-2	diacetone alcohol	HSR001120

### Directive 2012/18/EU

#### Named dangerous substances -

#### ANNEX I

#### Seveso category

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

None of the ingredients is listed.  
P3a FLAMMABLE AEROSOLS

150 t

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

500 t

#### Waterhazard class:

Water hazard class 1 (Self-assessment): slightly hazardous for water.

## 16 Other information

### Relevant phrases

H220 Extremely flammable gas.  
H225 Highly flammable liquid and vapour.  
H226 Flammable liquid and vapour.  
H227 Combustible liquid.  
H317 May cause an allergic skin reaction.  
H319 Causes serious eye irritation.  
H335 May cause respiratory irritation.  
H336 May cause drowsiness or dizziness.  
H372 Causes damage to organs through prolonged or repeated exposure.  
H412 Harmful to aquatic life with long lasting effects.

### Department issuing SDS:

Technical Services