

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

Trade name: SPRA-GALV PRIMER

Article number: 0000160845

Product category: PC9a Paints and coatings.

Process category: PROC2 Chemical production or refinery in closed continuous process with occasional controlled exposure or processes with equivalent containment conditions

Application of the substance / the mixture: Painting and coating.

Uses advised against: Any that differs from the recommended use.

Manufacturer/Supplier: 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

Emergency telephone number: 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.

Skin Irrit. 2 H315 Causes skin irritation.

Repr. 1 H360 May damage fertility or the unborn child.

STOT RE 2 H373 May cause damage to organs through prolonged or repeated exposure.

Aquatic Acute 1 H400 Very toxic to aquatic life.

Aquatic Chronic 1 H410 Very 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.
May damage fertility or the unborn child.
May cause damage to organs through prolonged or repeated exposure.
Very 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.
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: 7440-66-6	zinc powder	25-50%
EINECS: 231-175-3	Aquatic Acute 1, H400; Aquatic Chronic 1, H410	
CAS: 108-88-3	Toluene	≥15-<20%
EINECS: 203-625-9	Flam. Liq. 2, H225; Repr. 1, H360; STOT RE 2, H373; Skin Irrit. 2, H315; STOT SE 3, H336	
CAS: 74-98-6	propane	5-10%
EINECS: 200-827-9	Flam. Gas 1A, H220	
CAS: 110-19-0	Isobutyl Acetate	5-10%
EINECS: 203-745-1	Flam. Liq. 2, H225	
CAS: 106-97-8	n-butane	5-10%
	Flam. Gas 1A, H220	

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CAS: 64742-47-8	Mineral Spirits	5-10%
EINECS: 265-149-8	Flam. Liq. 3, H226	
CAS: 1314-13-2	zinc oxide	≥0.25-<1%
EINECS: 215-222-5	Aquatic Acute 1, H400; Aquatic Chronic 1, H410	

4 First aid measures

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

5 Fire fighting measures

Extinguishing agents:	CO2, powder or water spray. Fight larger fires with water spray.
Unsuitable extinguishing agents:	Water
Special hazards arising from the substance or mixture	Can form explosive gas-air mixtures.
Protective equipment:	Mount respiratory protective device.
Additional information	Cool endangered receptacles with water spray.

6 Accidental release measures

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

7 Handling and storage

Precautions for safe handling	Use only in well ventilated areas.
Fire/explosion protection:	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.
Conditions for safe storage, including any incompatibilities	
Requirements to be met by storerooms and receptacles:	Suitable material for receptacles and pipes: steel or stainless steel.
Information about storage in one common storage facility:	Not available.
Specific end use(s)	No further relevant information available.

8 Exposure controls/personal protection

Ingredients with limit values that require monitoring at the workplace:

108-88-3 Toluene

WES	Short-term value: 377 mg/m ³ , 100 ppm Long-term value: 75 mg/m ³ , 20 ppm skin, oto, bio
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74-98-6 propane

WES	Simple asphyxiant; may present an explosion hazard
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110-19-0 Isobutyl Acetate

WES	Long-term value: 713 mg/m ³ , 150 ppm
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106-97-8 n-butane

WES	Long-term value: 1900 mg/m ³ , 800 ppm
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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.

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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:	210 °C (410 °F)
Decomposition temperature:	Not determined.
Auto-ignition temperature:	Product is not selfigniting.
Explosive properties:	In use, may form flammable/explosive vapour-air mixture.
Lower:	Not determined.
Upper:	Not determined.
Vapour pressure:	Not determined.
Density at 20 °C (68 °F):	1.3 g/cm ³ (10.8 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:

110-19-0 Isobutyl Acetate

Oral LD50 4,763 mg/kg (rbt)

Skin corrosion/irritation	Causes skin irritation.
Serious eye damage/irritation	Based on available data, the classification criteria are not met.
Respiratory or skin sensitisation	Based on available data, the classification criteria are not met.
Germ cell mutagenicity	Based on available data, the classification criteria are not met.
Carcinogenicity	Based on available data, the classification criteria are not met.
Reproductive toxicity	May damage fertility or the unborn child.
STOT-single exposure	Based on available data, the classification criteria are not met.
STOT-repeated exposure	May cause damage to organs through prolonged or repeated exposure.
Aspiration hazard	Based on available data, the classification criteria are not met.

12 Ecological information

Aquatic toxicity:	No further relevant information available.
Persistence and degradability	The product is biodegradable after prolonged adaptation.
Bioaccumulative potential	No further relevant information available.
Mobility in soil	No further relevant information available.
General notes:	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

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

14 Transport information

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

Transport/Additional information:

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

IMDG	
Limited quantities (LQ)	1L
Excepted quantities (EQ)	Code: E0 Not permitted as Excepted Quantity
UN "Model Regulation":	UN 1950 AEROSOLS, 2.1, ENVIRONMENTALLY HAZARDOUS

15 Regulatory information

New Zealand Inventory of Chemicals

7440-66-6	zinc powder
108-88-3	Toluene
74-98-6	propane
110-19-0	Isobutyl Acetate
64742-47-8	Mineral Spirits
1344-00-9	Synthetic Zeolite
78-93-3	methyl ethyl ketone
1314-13-2	zinc oxide
8052-41-3	Stoddard Solvent
28262-63-7	Acrylic Resin

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22464-99-9	solid zirco drier
136-52-7	cobalt bis(2-ethylhexanoate)
136-51-6	calcium bis(2-ethylhexanoate)

HSNO Approval numbers

108-88-3	Toluene	HSR001227
74-98-6	propane	HSR001010
110-19-0	Isobutyl Acetate	HSR001092

Hazard-determining components of labelling:

Toluene

**Directive 2012/18/EU
Named dangerous substances -
ANNEX I**

None of the ingredients is listed.

Seveso categoryE1 Hazardous to the Aquatic Environment
P3a FLAMMABLE AEROSOLS**Qualifying quantity (tonnes) for the application of lower-tier requirements**

100 t

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

200 t

Waterhazard class:

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

Other regulations, limitations and prohibitive regulations**Substances of very high concern (SVHC) according to REACH, Article 57**

108-88-3	Toluene
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16 Other information**Relevant phrases**

H220 Extremely flammable gas.
H225 Highly flammable liquid and vapour.
H226 Flammable liquid and vapour.
H315 Causes skin 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