Revised On: 23.03.2023

1 Identification of the substance or mixture and of the supplier

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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
Emergency telephone number:	email: sales@formula.co.nz NZ Poison Centre
Lineigency telephone number.	telephone: 0800 764 766

2 Hazards identification

z nazarus iuentin	Gation	
Classification of	the substa	ince or mixture
Aerosol 1	H222-H22	9 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		Very toxic to aquatic life with long lasting effects.
Additional inform Hazard pictogram		
		GHS02 GHS07 GHS08 GHS09
Signal word		Danger
Hazard-determini	ing compo	
labelling: Hazard statement	te	Toluene Extremely flammable aerosol. Pressurized container: may burst if heated.
nazaru statemen	15	Causes skin irritation.
		May damage fertility or the unborn child.
		May cause damage to organs through prolonged or repeated exposure.
Precautionary sta	atomonte	Very toxic to aquatic life with long lasting effects. If medical advice is needed, have product container or label at hand.
Frecautionaly Sta		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 compor	nents:	
	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	
	(C	contd. on page 2)

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Trade name: SPRA-GALV PRIMER			
CAS: 64742-47-8 Mineral Spirits 5-10% EINECS: 265-149-8 Flam. Liq. 3, H226 20.25-<1%			
EINECS: 215-222-5 Aquatic Acute 1,	H400; Aquatic Chronic 1, H410	≥0.23-<170	
4 First aid measures			
After inhalation: After skin contact:	Supply fresh air; consult doctor in case of complaints. Generally the product does not irritate the skin.		
After eye contact:	Rinse opened eye for several minutes under running water. If symptoms persist, cons	ult 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 medica attention and special treatment			
needed	No further relevant information available.		
5 Fire fighting measures			
Extinguishing agents: Unsuitable extinguishing agents:	CO2, powder or water spray. Fight larger fires with water spray. Water		
Special hazards arising from the			
substance or mixture Protective equipment:	Can form explosive gas-air mixtures. 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 Fire/explosion protection:	Use only in well ventilated areas. Keep respiratory protective device available. Pressurised container: protect from sunlight and do not expose to temperatures excee electric lights. Do not pierce or burn, even after use. Do not spray onto a naked flame or any incandescent material.	eding 50°C, i.e.	
Conditions for safe storage, includi	ng 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: Specific end use(s)	Not available. No further relevant information available.		
8 Exposure controls/personal prot			
Ingredients with limit values that red	quire monitoring at the workplace:		
108-88-3 Toluene WES Short-term value: 377 mg/m ³ , 10	non nom		
Long-term value: 75 mg/m ³ , 20	ppm		
skin, oto, bio			
74-98-6 propane WES Simple asphyxiant; may present	an explosion hazard		
110-19-0 Isobutyl Acetate			
WES Long-term value: 713 mg/m ³ , 15	i0 ppm		
106-97-8 n-butane			
WES Long-term value: 1900 mg/m³, 8	suu 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.		
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Trade name: SPRA-GALV PRIMER	Printing date 23.03.2023	R	evised On: 23.03.2023
Respiratory protoction: In case of brief apposure or low pollution use respiratory filter device. In case of interview or longer apposure or low pollution use respiratory protoctive device. Protoction of hands: Protoction: The pollution use respiratory protoctive device. In case of brief apposure or low pollution use respiratory protoctive device. Protoction: The pollution use respiratory protoctive device. Apposance:	Trade name: SPRA-GALV PRIMER		
Respiratory protection: In case of brief apposure or low pollution use respiratory filter device. In case of intensive or longer exposure use selectional respiratory protective device. Protection of hands: Exporter glows The glow material has to be impermeable and resistant to the product. By protection: The glow material has to be impermeable and resistant to the product. By protection: Arcsol. Odder mined. Addetermined. Odder mined. Not determined. Odder mined. Not determined. Odder mined. Not determined. Odder mined. Not determined. Melting point/feezing point: Undetermined. Decomposition temperature: Z0 °C (2 °T) Ignition temperature: Not determined. Decomposition temperature: Not determined. Upper: Not determined. <			
Protection of hands: Protective gloves Neopence gloves Protection: Productive gloves Protection: 9 protection: Product is not as to be impermeable and resistant to the product. 9 protection: Main determined. 0 dots: Available and comparison 0 dots: Product is not settigning: 0 dots: Not determined. 0 dots: <	Respiratory protection:	In case of brief exposure or low pollution use respiratory filter device. In case of in	(Contd. of page 2) tensive or longer
Eye protection: Tightly sealed goggles 9 Physical and chemical properties Appearance: Appearance: Not determined. Odour: Not determined. Odour: Not determined. Meiting point Not determined. Initial boiling point Not determined. Initial boiling point Undetermined. Initial boiling point and boiling range: 44.5 °C (4.8 1°F) Plash point: Not determined. Decomposition temporature: Product is not selfighting. Explosition temporature: Not determined. Decomposition temporature: Not determined. Vapour pressure: Not determined. User: Not determined. Vapour density Not determined. Vapour density Not determined. Vapour density Not determined. Vasour pressure: Not determined. Vasour protection: Not determined. Vasour pressure: Not determined. Vasour density Not determined. Vasour density Not determined. Vasour density Not determined. Vasour	Protection of hands:	Protective gloves Neoprene gloves	
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Do not allow product to reach ground water, water course or sewage system.	MODIIITY IN SOIL		
	General notes:	Do not allow product to reach ground water water course or sewage system	
			/

Safety Data Sheet in accordance with HSNO

Printing date 23.03.2023

Trade name: SPRA-GALV PRIMER

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Revised On: 23.03.2023

(Contd. of page 3)

	(Contd. of pag
B Disposal considerations	
Uncleaned packaging: Recommendation: Recommended cleansing agents:	Disposal must be made according to official regulations. Water, if necessary together with cleansing agents.
Transport information	
UN-Number NZS, IMDG, IATA	UN1950 UN1950
UN proper shipping name NZS IMDG IATA	1950 AEROSOLS, ENVIRONMENTALLY HAZARDOUS AEROSOLS, MARINE POLLUTANT AEROSOLS, flammable
Transport hazard class(es) Class Label	2 5F Gases. 2.1
IMDG, IATA Class Label	2.1 Gases. 2.1
Packing group NZS, IMDG, IATA Environmental hazards:	Void
Marine pollutant: Special marking (NZS): Special precautions for user	Symbol (fish and tree) Symbol (fish and tree) Warning: Gases.
Hazard identification number (Kem EMS Number:	F-D,S-U
Stowage Code	SW1 Protected from sources of heat. SW22 For AEROSOLS with a maximum capacity of 1 litre: Categor For AEROSOLS with a capacity above 1 litre: Category B. For WAS AEROSOLS: Category C, Clear of living quarters.
Segregation Code	SG69 For AEROSOLS with a maximum capacity of 1 litre: Segregation as for class 9. Stow "separated from" class 1 excep division 1.4. For AEROSOLS with a capacity above 1 litre: Segregation as for the appropriate subdivision of class 2. For WASTE AEROSOLS:
Transport in bulk according to Ann	Segregation as for the appropriate subdivision of class 2. nex II of Marpol and the IBC
Code Transport/Additional information:	Not applicable.
NZS Limited quantities (LQ) Excepted quantities (EQ)	1L Code: E0 Not permitted as Excepted Quantity
Transport category Tunnel restriction code	2 D

Tunnel restriction code	2 D
IMDG	
Limited quantities (LQ) Excepted quantities (EQ)	1L Code: E0 Not permitted as Excepted Quantity
UN "Model Regulation":	UN 1950 AEROSOLS, 2.1, ENVIRONMENTALLY HAZARDOUS

15 Regulatory	y information		
	New Zealand Inventory of Chemicals		
	zinc powder		
108-88-3			
	propane		
	Isobutyl Acetate		
	Mineral Spirits		
	Synthetic Zeolite		
	methyl ethyl ketone		
	zinc oxide		
8052-41-3	Stoddard Solvent		
28262-63-7	Acrylic Resin		
	(Contd. on page 5)		

Safety Data Sheet in accordance with HSNO

Printing date 23.03.2023

Revised On: 23.03.2023

Trade name: SPRA-GALV PRIMER		
22464-99-9 solid zirco drier		(Contd. of page 4)
136-52-7 cobalt bis(2-ethylhexanoa	te)	
136-51-6 calcium bis(2-ethylhexand		
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 Seveso category	None of the ingredients is listed. E1 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 Waterhazard class:	200 t	
	Water hazard class 2 (Self-assessment): hazardous for water.	
Other regulations, limitations and p	VHC) according to REACH, Article 57	
108-88-3 Toluene	VIC) according to REACH, Article 57	
16 Other information		
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	