



## Material Safety Data Sheet

Hazardous According To The Criteria Of NOHSC

### 1 IDENTIFICATION OF THE MATERIAL AND SUPPLIER

<u>Product Name:</u>	<b>Zinc Galva</b>
<u>Other Name:</u>	None
<u>Manufacturer's Product Code:</u>	
<u>Recommended Use:</u>	Galvanising paint
<u>Supplier Name:</u>	AUTOSMART AUSTRALIA
<u>Supplier Address:</u>	AUTOSMART AUSTRALIA 11 DARRAMBAL CLOSE RATHMINES NSW 2283 <a href="http://www.autosmartaustralia.com.au">www.autosmartaustralia.com.au</a> <a href="http://www.autosmartinternational.com">www.autosmartinternational.com</a> <a href="mailto:autosmart@autosmartaustralia.com.au">autosmart@autosmartaustralia.com.au</a>
<u>Telephone No.:</u>	02 49 75 14 88 (Mon to Fri, 08:00 – 16:00 AEST) (General Information. Transport Information. Mild medical Information)
<u>Emergency No.:</u>	0011 44 7808 971 321 (24 Hrs) (Autosmart International) 13 11 26 (24 Hours) Poison Information Centre Australia

### 2 HAZARDS IDENTIFICATION

<u>HAZARD DESIGNATION:</u>	Hazardous According To The Criteria Of NOHSC
<u>Hazard Category:</u>	F+ - EXTREMELY FLAMMABLE Xi – IRRITANT N – DANGEROUS FOR THE ENVIRONMENT
RISK PHRASES:	R12 Extremely Flammable . R36 Irritating to eyes. R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment R66 Repeated exposure may cause skin dryness or cracking. R67 Vapours may cause drowsiness and dizziness.
SAFETY PHRASE:	S2 keep out of reach of children S9 Keep container in a well ventilated place. S16 Keep away from sources of ignition - No Smoking. S23 Do not breathe vapour S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S37 Wear suitable gloves. S38 In case of insufficient ventilation, wear suitable respiratory equipment. S62 If swallowed, do not induce vomiting. Seek medical advice immediately and show the container or label.

Pressurised container: Protect from sunlight and do not expose to temperatures exceeding 50°C.

Do not pierce or burn, even after use. Do not spray onto naked flame or any incandescent material.

**ADG CLASSIFICATION:** CLASS 2.1 “dangerous goods” for transport by road or rail according to the Australian Code for the Transport of Dangerous Good by Road and Rail.

**SUSDP CLASSIFICATION:** Schedule 5 (Standard for the Uniform Scheduling of Drugs and Poisons)

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT	CAS NUMBER:	PROPORTION (% W/W)
1-methoxy-2-propanol	107-98-2	5-10%
Acetone	67-64-1	30-60%
Butane	106-97-8	10-30%
BUTYL ACETATE -norm	123-86-4	5-10%
Ethylbenzene	100-41-4	< 1%
Isobutane	75-28-5	5-10%
Propane	74-98-6	10-30%
Solvent naphtha (petroleum), light arom.; Low boiling point naphtha	64742-95-6	< 1%
Xylene	1330-20-7	5-10%
Zinc powder - zinc dust (stabilised)	7440-66-6	1-5%
Other ingredients determined not to be hazardous		To 100%

### 4 FIRST AID MEASURES

**IF POISONING OCCURS, IMMEDIATELY CONTACT A DOCTOR OR POISONS INFORMATION CENTRE (TELEPHONE 13 11 26), AND FOLLOW THE ADVICE GIVEN. SHOW THIS MATERIAL SAFETY DATA SHEET TO A DOCTOR.**

**Inhalation:** Remove person to fresh air. Keep at rest. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. If breathing has stopped, apply artificial respiration immediately. Seek medical advice.

**Skin Contact:** Remove all contaminated clothing. Wash the skin with plenty of water. Seek medical attention if discomfort continues. Launder clothing before re-use.

**Eye contact:** Immediately rinse eyes thoroughly, including under eyelids, with running water for at least 15 minutes. Seek immediate medical advice.

**Ingestion:** Do NOT induce vomiting. Rinse mouth. Give water to drink. Seek immediate medical advice.

**First Aid Facilities:** Provide an eyewash station in the workplace.

**Symptoms:** Not available

**Medical attention:**

**5 FIRE FIGHTING MEASURES**

**Extinguishing media:** Foam, dry chemical or water spray. Do not use a water jet from a fire hose.

**Hazards from combustion products:** No data available.

**Precautions for fire fighters:** **Extinguish all sources of ignition.** This product is a combustible liquid. Fire fighters should wear full protective clothing and self-contained breathing apparatus. Do not release contaminated water into the environment. Keep intact containers cool by spraying with water. Aerosol cans may explode in fires.

**ADDITIONAL INFORMATION:****HAZCHEM CODE:** 2Y**6 ACCIDENTAL RELEASE MEASURES**

Wear suitable protective clothing and boots. Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Prevent spill from entering drains, sewers or any body of water. Contain and absorb with sand, earth or inert absorbent. Scoop or shovel into sealable containers for disposal in accordance with applicable local, state and federal regulations.

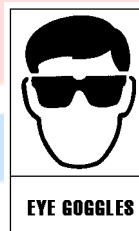
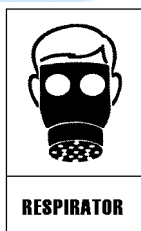
Spillage's May Be Slippery.

**7 HANDLING AND STORAGE****Handling:**

Keep away from heat, sparks, open flame and other sources of ignition. Keep out of reach of children. Avoid contact with skin and eyes and do not inhale spray mist. Use only in a well-ventilated area. Keep away from heat, sparks and open flames. Do not apply in the presence of naked flames, hot surfaces or unprotected electrical equipment. Use proper grounding procedures.

**Storage:**

Aerosol cans must not be exposed to direct sunlight or temperatures above 50°C. Keep away from heat, sparks and open flame. Keep in cool, dry, ventilated storage and closed containers.

**8 EXPOSURE CONTROLS/PERSONAL PROTECTION****Exposure Standards:**

Name	Std	LT - ppm	LT - mg/m3	ST - ppm	ST - mg/m3
1-METHOXY-2-PROPANOL	WEL	100 ppm(Sk)	375 mg/m3(Sk)	150 ppm(Sk)	560 mg/m3(Sk)
ACETONE	WEL	500 ppm	1210 mg/m3	1500 ppm	3620 mg/m3
BUTANE	WEL	600 ppm	1450 mg/m3	750 ppm	1810 mg/m3
BUTYL ACETATE -norm	WEL	150 ppm	724 mg/m3	200 ppm	966 mg/m3
ETHYLBENZENE	WEL	100 ppm(Sk)	441 mg/m3(Sk)	125 ppm(Sk)	552 mg/m3(Sk)
PROPANE		Asphyxiating Asphyxiating	Asphyxiating	Asphyxiating Asphyxiating	Asphyxiating
XYLENE	WEL	50 ppm(Sk)	220 mg/m3(Sk)	100 ppm(Sk)	441 mg/m3(Sk)

SK – Skin

WEL – Workplace Exposure Limits

T.W.A – The time-weighted average airborne concentration over an eight-hour working day, for five-day working week over an entire working life

S.T.E.L. (Short term Exposure Limit) – the average airborne concentration over a fifteen minute period which should not be exceeded at any time during a normal eight hour working day. According to current knowledge this concentration should neither impair the health of, nor cause undue discomfort to, nearly all workers

**Engineering Controls:**

Ensure adequate ventilation. Keep container closed when not in use. No specific ventilation requirements noted, except this product must not be used in confined spaces without good ventilation.

**Personal Protective Equipment:**

**EYES:**

Spray away from the face. Avoid contact with eyes. Wear chemical resistant goggles.

**CLOTHING:**

Wear protective clothing.

**GLOVES:**

Avoid contact with skin. Use protective gloves made of: Nitrile

**RESPIRATORY:**

If ventilation is insufficient, suitable respiratory protection must be provided. Wear mask supplied with: Gas cartridge (organic substances).

**OTHER:**

Do not eat, drink or smoke until after washing. Wash thoroughly after handling. After each day's use wash gloves, goggles and contaminated clothing.

**9 PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance:</b>	Silver/grey liquid
<b>Odour:</b>	Solvent
<b>Vapour Pressure:</b>	Not available.
<b>Vapour Density:</b>	Not available
<b>Boiling Point:</b>	Not available
<b>Freezing/melting point:</b>	Not available
<b>Solubility:</b>	Soluble in Hydrocarbon solvent
<b>Density:</b>	Not applicable
<b>pH Neat:</b>	Not relevant
<b>Flashpoint:</b>	Approx -2°C
<b>Flammability (explosive) limits:</b>	
<b>Auto-ignition temperature:</b>	
<b>Percent volatiles:</b>	
<b>Octanol/water partition coefficient:</b>	Not available
<b>Formulation:</b>	Paint

**10 STABILITY AND REACTIVITY**

<b>Chemical stability:</b>	Normally stable
<b>Hazardous polymerisation:</b>	Not available
<b>Conditions to avoid:</b>	Avoid heat, sparks, flames, sources of ignition, shocks and physical damage.
<b>Incompatible materials:</b>	Incompatible with strong oxidising agents
<b>Hazardous decomposition products:</b>	Carbon Monoxide, Carbon Dioxide
<b>Hazardous reactions:</b>	Not available

**11 TOXICOLOGICAL INFORMATION**

Prolonged and repeated contact with solvents over a long period may lead to permanent health problems.

**Inhalation:**

Harmful by inhalation. High concentrations of vapours may irritate respiratory system and lead to headache, fatigue, nausea and vomiting. Vapours may cause drowsiness and dizziness.

**Skin contact:**

Harmful in contact with skin. Irritating to skin. The material should not be allowed to come into contact with the skin.

**Eye contact:**

The material should not be allowed to contact the eyes.

**Ingestion:**

May cause discomfort if swallowed. Pneumonia may be the result if vomited material containing solvents reaches the lungs.

**Other: Carcinogen – Category 3**

None ANIMAL TOXICITY DATA – PRODUCT: No data available for the product. ANIMAL TOXICITY DATA – INDIVIDUAL INGREDIENTS:

**Acute: Oral toxicity:** LD50 rat: Not available

**Dermal toxicity:** LD50 rabbit: not available

**Inhalation toxicity:** Not available

**Skin irritation:** Irritant

**Eye irritation:** Mild irritant

**Sensitisation:** Not available

**Chronic:**

**12 ECOLOGICAL INFORMATION**

**Fish toxicity:** Data not available

**Daphnia toxicity:** Data not available

**Toxicity to algae:** Data not available

**Bird toxicity:** Data not available

**Bee toxicity:** Data not available

**Other:** No data available

**Environmental fate, persistence and degradation:**

Avoid release to the environment.

**13 DISPOSAL CONSIDERATIONS**

Do not discharge into drains. Do not incinerate. Dispose of waste material via a licensed waste disposal contractor. Empty container MUST not be burned because of explosion hazard. Do NOT puncture even when empty.

**14 TRANSPORT INFORMATION**

**UN number:** 1950

**Proper shipping name:** AEROSOL

**Class and Subsidiary Risk:** CLASS 2.1 “dangerous goods” for transport by road or rail according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. C

**Packing Group:** Not applicable

**EPG:** Not applicable

**Hazchem code:** 2(Y)

**15 REGULATORY INFORMATION**

Allocated Poison schedule number 5.

**16 OTHER INFORMATION****Preparation information:**

Only trained personnel should use this material.

**MSDS Issue**

Issue	No.3
Prepared:	01/09/2013
Next review date:	01/09/2018
Reason for Update	Review & update

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**Data Sources and References:**

National Code of Practice for the preparation of Material Safety Data Sheets 2<sup>nd</sup> Edition [NOHSC:2011 (2003)].

Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP) No 23

National code of practice for the storage and handling of Workplace Dangerous Goods [NOHS:2017 (2001)]

National Exposure Standards for Atmospheric Contaminants in the Occupational Environment [NOHS:21003 (1995)]

**Disclaimer:**

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

END OF MSDS