



SAFETY DATA SHEET

GALVANISING SPRAY - MATT

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME GALVANISING SPRAY - MATT

PRODUCT NO. EPGM400

APPLICATION Paint

SUPPLIER ELECTROLUBE. A division of
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2 HAZARDS IDENTIFICATION

Extremely flammable.

Irritating to skin.

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Vapours may cause drowsiness and dizziness.

CLASSIFICATION Xi;R38. F+;R12. R52/53, R67.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
DIMETHYL ETHER	204-065-8	115-10-6	10-30%	F+;R12
SOLVENT NAPHTHA (PETROLEUM),	295-529-9	92062-15-2	10-30%	Xn;R65. Xi;R38. F;R11. N;R51/53.
BUTANE	203-448-7	106-97-8	10-30%	F+;R12
XYLENE	215-535-7	1330-20-7	10-30%	R10 Xn;R20/21 Xi;R38
ETHYL ACETATE	205-500-4	141-78-6	10-30%	F;R11 Xi;R36 R66 R67
AROMATIC HYDROCARBON C8-10	292-695-4	90989-39-2	5-10%	Xn;R65.
ISOBUTANE	200-857-2	75-28-5	5-10%	F+;R12
HYDROCARBON DISTILLATE	265-185-4	64742-82-1	5-10%	Xn;R65. N;R51/53. R10;R66.
DEAROMATISED KEROSENE	265-150-3	64742-48-9	1-5%	Xn;R65.
ETHYL METHYL KETOXIME	202-496-6	96-29-7	< 1%	Xn;R21. Carc 3;R40. Xi;R41. R43.

The Full Text for all R-Phrases are Displayed in Section 16

COMPOSITION COMMENTS

Ingredients not listed are classified as non-hazardous or at a concentration below reportable levels

4 FIRST-AID MEASURES

NOTES TO THE PHYSICIAN

Treat symptomatically

REVISION DATE: SEPTEMBER 2008

GALVANISING SPRAY - MATT**INHALATION**

Move the exposed person to fresh air at once. Keep the affected person warm and at rest. Get prompt medical attention.

Get medical attention.

INGESTION

Immediately rinse mouth and provide fresh air.

SKIN CONTACT

Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.

EYE CONTACT

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

5 FIRE-FIGHTING MEASURES**EXTINGUISHING MEDIA**

Use: Powder. Dry chemicals, sand, dolomite etc. Water spray, fog or mist.

SPECIAL FIRE FIGHTING PROCEDURES

Move container from fire area if it can be done without risk.

UNUSUAL FIRE & EXPLOSION HAZARDS

Aerosol cans may explode in a fire.

6 ACCIDENTAL RELEASE MEASURES**SPILL CLEAN UP METHODS**

Absorb in vermiculite, dry sand or earth and place into containers. Ventilate well.

7 HANDLING AND STORAGE**USAGE PRECAUTIONS**

Avoid spilling, skin and eye contact. Provide good ventilation.

STORAGE PRECAUTIONS

Store at moderate temperatures in dry, well ventilated area.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	TWA - 8 hrs		STEL - 15 min		Notes
BUTANE	WEL	600 ppm	1450 mg/m3	750 ppm	1810 mg/m3	
DEAROMATISED KEROSENE	WEL		1000 mg/m3			
DIMETHYL ETHER	WEL	400 ppm	766 mg/m3	500 ppm	958 mg/m3	
ETHYL ACETATE	WEL	200 ppm		400 ppm		
HYDROCARBON DISTILLATE	WEL		600 mg/m3			
XYLENE	WEL	50 ppm(Sk)	220 mg/m3(Sk)	100 ppm(Sk)	441 mg/m3(Sk)	

WEL = Workplace Exposure Limit.

OTHER PROTECTION

Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.

HYGIENE MEASURES

Wash at the end of each work shift and before eating, smoking and using the toilet. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke. **DO NOT SMOKE IN WORK AREA!**

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE Aerosol Liquid

COLOUR Grey

ODOUR Characteristic

VOLATILITY DESCRIPTION Volatile.

GALVANISING SPRAY - MATT

SOLUBILITY	Immiscible with water		
BOILING POINT (°C)	60	MELTING POINT (°C)	-130
RELATIVE DENSITY	1.24 @ 20 °c	BULK DENSITY	1240 kg/m3
VAPOUR PRESSURE	@ °c	FLASH POINT (°C)	<0 CC (Closed cup).
FLAMMABILITY LIMIT - LOWER(%)	3.8	FLAMMABILITY LIMIT - UPPER(%)	18

10 STABILITY AND REACTIVITY**STABILITY**

Stable under normal temperature conditions.

CONDITIONS TO AVOID

Avoid heat, flames and other sources of ignition. Avoid contact with acids and alkalies.

11 TOXICOLOGICAL INFORMATION**INHALATION**

May cause irritation to the respiratory system. Vapours may cause headache, fatigue, dizziness and nausea. High concentrations of vapours may irritate respiratory system and lead to headache, fatigue, nausea and vomiting.

SKIN CONTACT

Product has a defatting effect on skin. Prolonged contact may cause dryness of the skin. Prolonged or repeated exposure may cause severe irritation.

EYE CONTACT

Irritating to eyes.

Other Health Effects

This substance has no evidence of carcinogenic properties.

ROUTE OF ENTRY

Inhalation.

Name	XYLENE
Toxic Dose 1 - LD 50	4300 mg/kg (oral rat)
Name	ETHYL ACETATE
Toxic Dose 1 - LD 50	5620 mg/kg (oral rat)
Toxic Dose 2 - LD 50	18,000 mg/kg (oral-rbt)
Toxic Conc. - LC 50	1600 ppm/4h (inh-rat)

12 ECOLOGICAL INFORMATION**ECOTOXICITY**

Dangerous for the environment if discharged into watercourses.

WATER HAZARD CLASSIFICATION

WGK 2

Name	XYLENE
LC 50, 96 Hrs, FISH mg/l	2.6-8.4
EC 50, 48 Hrs, DAPHNIA, mg/l	1.0-4.7
Name	ETHYL ACETATE
LC 50, 96 Hrs, FISH mg/l	270
EC 50, 48 Hrs, DAPHNIA, mg/l	2306

13 DISPOSAL CONSIDERATIONS**DISPOSAL METHODS**

Empty containers must not be burned because of explosion hazard. Dispose of waste and residues in accordance with local authority requirements.

14 TRANSPORT INFORMATION

GALVANISING SPRAY - MATT



UK ROAD CLASS	2		
PROPER SHIPPING NAME	AEROSOLS		
UN NO. ROAD	1950	UK ROAD PACK GR.	N/A
ADR CLASS NO.	2	ADR CLASS	Class 2: Gases
ADR PACK GROUP	N/A	ADR LABEL NO.	2.1
CEFIC TEC(R) NO.	20G5F	RID CLASS NO.	2
RID PACK GROUP	N/A	UN NO. SEA	1950
IMDG CLASS	2.1	IMDG PACK GR.	N/A
EMS	F-D, S-U	MFAG	See Guide
MARINE POLLUTANT		UN NO. AIR	1950



AIR CLASS	2.1	AIR PACK GR.	N/A
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15 REGULATORY INFORMATION

SYMBOLS



Irritant



Extremely Flammable

RISK PHRASES

R12	Extremely flammable.
R38	Irritating to skin.
R52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R67	Vapours may cause drowsiness and dizziness.

SAFETY PHRASES

S16	Keep away from sources of ignition - No smoking.
S23	Do not breathe vapour/spray.
S24	Avoid contact with skin.
S46	If swallowed, seek medical advice immediately and show this container or label.
P14	Contains ETHYL METHYL KETOXIME. May produce an allergic reaction.
S51	Use only in well-ventilated areas.
A1	Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.
A2	Do not spray on a naked flame or any incandescent material.
S2	Keep out of the reach of children

UK REGULATORY REFERENCES

Chemicals (Hazard Information & Packaging) Regulations.

The Control of Substances Hazardous to Health Regulations 1988.

GALVANISING SPRAY - MATT**ENVIRONMENTAL LISTING**

Rivers (Prevention of Pollution) Act 1961. Control of Pollution Act 1974.

EU DIRECTIVES

System of specific information relating to Dangerous Preparations. 2001/58/EC.

Dangerous Substance Directive 67/548/EEC.

Dangerous Preparations Directive 1999/45/EC.

Commission Directive 2000/39/EC of 8 June 2000 establishing a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

GUIDANCE NOTES

Workplace Exposure Limits EH40.

16 OTHER INFORMATION**REVISION COMMENTS**

Revised in accordance with CHIP3 and EU Directives 1999/45/EC and 2001/58/EC

ISSUED BY

Helen O'Reilly

REVISION DATE SEPTEMBER 2008

REV. NO./REPL. SDS 4

GENERATED

SDS NO. 10997

RISK PHRASES IN FULL

R10	Flammable.
R11	Highly flammable.
R12	Extremely flammable.
R20/21	Harmful by inhalation and in contact with skin.
R21	Harmful in contact with skin.
R36	Irritating to eyes.
R38	Irritating to skin.
R40	Limited evidence of a carcinogenic effect.
R41	Risk of serious damage to eyes.
R43	May cause sensitisation by skin contact.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65	Harmful: may cause lung damage if swallowed.
R66	Repeated exposure may cause skin dryness or cracking.
R67	Vapours may cause drowsiness and dizziness.

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.