

**C.H.I.P. HEALTH AND SAFETY DATA SHEET
ROEBUCK RB16 – ZINC GALVANISING SPRAY**

1. IDENTIFICATION OF SUBSTANCE/COMPANY:

PRODUCT NAME: ROEBUCK RB16 – ZINC GALVANISING SPRAY

PART NUMBER: 31-6638

**INTENDED USE &
SPECIFICATION:**

RB16 Zinc Galvanising Spray is intended as a repair coating for newly galvanised metal. The coating can be applied to bare metal/welded metal or slightly corroded metal. The coating is very fast drying thus improving job times and finish. Several light coats are advised and give better performance over one heavy coat. Matched to the colour of new galvanised surfaces the product is ideal for security railings/roller shutter doors and duct work. Do not apply to the inside of water storage containers. This product contains Zinc/Aluminium Fillers/Solvents and Surfactants. IT IS NOT TO BE USED ON FOOD SURFACES.

MANUFACTURER:

Action Can Ltd.,
Dixon Close,
Old Boston Trading Estate,
Haydock, St. Helens,
Merseyside. WA11 9SF
Tel: 01942 713667 Fax: 01942 716235

SUPPLIER:

Buck|Hickman in One
Siskin Parkway East
Middlemarch Business Park
Coventry
CV3 4FJ
Tel: 02476 306444
Fax: 02476 514214

2. INFORMATION ON INGREDIENTS/COMPOSITION NON-HAZARDOUS INGREDIENTS MAY NOT BE LISTED:

INGREDIENTS:	CAS No.:	EINECS NR.:	CLASSIFICATION:
XYLENE	1330-20-7	215-535-7	XN R-10, 20/21, 38
ALUMINIUM POWDER	7429-90-5	-	F R-15, 17
ZINC POWDER	-	-	-
ALIPHATIC HYDROCARBON	64742-88-7	265-191-7	XN, N R-10, 51/53, 65
AROMATIC SOLVENT	64742-95-6	-	XN, N R-10, 20, 36/37/38, 51/53, 65
1-METHOXY-2-PROPANOL	107-98-2	203-539-1	-R-10
BUTYL ACETATE	123-86-4	204-658-1	- R-10, 66, 67
ACETONE	67-64-1	200-662-2	X1, F R-11, 36, 66, 67

CONT/...

INGREDIENTS: CAS No.: EINECS NR.: CLASSIFICATION:

Chip3

ROEBUCK RB16 ZINC GALVANISING SPRAY

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ISOBUTANE	75-28-5	200-857-2	Fx R-12
BUTANE	106-97-8	203-448-7	Fx R-12
PROPANE	74-98-6	200-827-9	Fx R-12

The full text for all R-Phrases are displayed in Section 16.

3. **HAZARDS IDENTIFICATION:**

Extremely flammable. Irritating to eyes. Repeated exposure may cause skin dryness or cracking. Vapours may cause drowsiness and dizziness.

4. **FIRST AID MEASURES:**

GENERAL:	Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.
INHALATION:	Move the exposed person to fresh air at once. When breathing is difficult, properly trained personnel may assist affected person by administering 100% oxygen. Keep the affected person warm and at rest. Get prompt medical attention.
INGESTION:	DO NOT INDUCE VOMITING! Rinse mouth thoroughly with water and give large amounts of milk or water to people not unconscious. Get medical attention if any discomfort continues.
SKIN:	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 eyelids. 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:	Containers close to fire should be removed or cooled with water. Use water to keep fire exposed containers cool and disperse vapours.
UNUSUAL FIRE AND EXPLOSION HAZARDS:	Aerosol cans may explode in fires.

6. **ACCIDENTAL RELEASE MEASURES:**

SPILL CLEAN-UP METHODS:	Put leaking cans into a bucket. Wear necessary protection equipment. Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Let evaporate. Keep out of confined spaces because of explosion risk. If leakage cannot be stopped, evacuate area.
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7. **HANDLING AND STORAGE:**

USAGE PRECAUTIONS: Keep away from heat, sparks and open flame. Avoid spilling, skin and eye contact. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level.

STORAGE PRECAUTIONS: Aerosol cans: Must not be exposed to direct sunlight or temperatures above 50°C.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION:

INGREDIENT NAME:	CAS No	STD	LT EXP (8 hrs)	ST EXP (15 min)
Butyl Acetate	123-86-4	OES	150 ppm	200 ppm
Xylene	1330-20-7	OES	50 ppm (Sk)	100 ppm (Sk)
Aluminium Powder	7429-90-5	-	10 mg/m ³	No Std
Zinc Powder	-	-	-	-
1-Methoxy – 2-Propanol	107-98-2	OES	100 ppm (Sk)	150 ppm (Sk)
Acetone	67-64-1	OES	500 ppm	1500 ppm
Butane	106-97-8	OES	600ppm	750 ppm
Propane	74-98-6	-	Asphyxiating	Asphyxiating

INGREDIENT COMMENTS: OES = Occupational Exposure Standard. ST EXP = Short Term Exposure

VENTILATION: Provide adequate general and local exhaust ventilation.

RESPIRATORS: No specific recommendation made, but respiratory protection must be used if the general level exceeds the Occupational Exposure Level (OEL). Use chemical cartridge protection with appropriate cartridge.

PROTECTIVE GLOVES: Protective gloves are advised.

EYE PROTECTION: Use approved safety goggles or face shield.

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

HYGIENIC WORK ROUTINES: DO NOT SMOKE IN WORK AREA. Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly wash skin that becomes contaminated. Promptly remove any clothing that becomes contaminated. No eating or drinking while working with this material. If working with this product in exterior locations care must be taken to avoid wind blown spray.

9. PHYSICAL AND CHEMICAL PROPERTIES:

APPEARANCE: Aerosol

COLOUR: Silver/Grey Metallic Finish

ODOUR: Characteristic

FLAMMABILITY LIMITED (LOWER%): 0.8

FLAMMABILITY LIMITED (UPPER %): 13.0

10. STABILITY AND REACTIVITY:

STABILITY: Normally stable.

CONDITIONS TO AVOID: Avoid heat, flames and other sources of ignition. Avoid contact with: Strong oxidizing agents. Strong alkalis. Strong mineral acids.

HAZARDOUS

DECOMPOSITION PRODUCTS: Fire creates: Vapours/gases/fumes of: Carbon monoxide (CO). Carbon dioxide (CO²).

11. TOXICOLOGICAL INFORMATION:

INHALATION: May cause irritation to the respiratory system. Solvent vapours are hazardous and may cause nausea, sickness and headaches. Prolonged inhalation of high concentrations may damage respiratory system. Irritating to respiratory system.

INGESTION: May cause discomfort if swallowed. May cause stomach pain or vomiting. Gastrointestinal symptoms, including upset stomach.

SKIN: Prolonged or repeated exposure may cause severe irritation. Acts as a defatting agent on skin. May cause cracking of skin, and eczema. May cause sensitisation by skin contact. Irritating to skin.

EYES: Irritating to eyes May cause chemical eye burns.

ROUTE OF ENTRY: Inhalation. Skin and / or eye contact.

12. ECOLOGICAL INFORMATION:

ECOLOGICAL INFORMATION: Dangerous for the environment if discharged into watercourses.

13. DISPOSAL CONSIDERATIONS:

DISPOSAL METHODS: Empty containers must not be burned because of explosion hazard. Dispose of in accordance with Local Authority requirements.

14. TRANSPORT INFORMATION:

LABEL FOR CONVEYANCE: FLAMMABLE GAS

UN NO. ROAD: 1950

UK ROAD TRANSPORT CLASS: 2.1

UK ROAD PACK GR: Not applicable

ADR CLASS No: 2.1

ADR CLASS: Division 2.1 : Flammable gases.

ADR ITEM No: 5F

ADR MARGINAL: 2201

ADR LABEL No: 2.1

CEFIC TEC(R) No: 20G53

PROPER SHIPPING NAME 1: AEROSOLS

RID CLASS No: 2.1

RID ITEM NO.: 5F

UN NO. SEA: 1950

IMDG CLASS: 2.1

IMDG PACK GR: Not Applicable

EmS No: 2.13

MFAG TABLE No: See Guide

MARINE POLLUTANT: No.

UN NO. AIR: 1950

ICAO CLASS: 2.1

AIR PACK GR: Not Applicable

15. REGULATORY INFORMATION:

LABEL FOR SUPPLY: EXTREMELY FLAMMABLE

IRRITANT

RISK PHRASES:	R12 Extremely Flammable
	R-36 Irritating to eyes
	R-66 Repeated exposure may cause skin dryness or cracking
	R-67 Vapours may cause drowsiness and dizziness
SAFETY PHRASES:	S-16 Keep away from sources of ignition - No Smoking
	S-2 Keep out of reach of children
	S-23C Do not breathe vapour/spray
	S-26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
	S-37 Wear suitable gloves
	S-51 Use only in well ventilated areas
UK REGULATORY REFERENCES:	The Chemicals (Hazard Information & Packing for Supply) Regulations 2002. The Control of Substances Hazardous to Health Regulations 2002. Chip Version 3 - 2002
STATUTORY INSTRUMENTS:	Control of Substances Hazardous to Health Regulations 2002. The Chemicals (Hazard Information & Packing to Supply) Regulations 2002.
APPROVED CODE OF PRACTICE:	Classification and Labelling of Substances and Preparations Dangerous for Supply.
GUIDANCE NOTES:	Occupational Exposure Limited EH40. Introduction to Local Exhaust Ventilation HS(G)37. CHIP for everyone HSG (108).

16. **OTHER INFORMATION:**

Risk Phrases apply to bulk raw materials.

R-PHRASES (FULL TEXT):

R-66 Repeated exposure may cause skin dryness or cracking.
R-67 Vapours may cause drowsiness and dizziness.
R-20/21 Harmful by inhalation and in contact with skin.
R-36/37/38 Irritating to eyes, respiratory system and skin.
R-36 Irritating to eyes.
R12 Extremely flammable.

REGULATORY REFERENCES: The control of Substances Hazardous to Health Regulations 1988.
Chemical Hazard Information and Packing Regulations 1993.
Rivers (Prevention of Pollution) Act 1961.
Control of Pollution (Special Waste Regulations) 1980.
Chemicals Hazard (Information and Packing) Regulations.
Classification and Labelling of Substances and Preparations Dangerous for supply.
Occupational Exposure Limits EH40.
Introduction to Local Exhaust Ventilation HS(G)37.
C.H.I.P. for everyone HSG (108).

The information contained in this data sheet is provided in accordance with the requirements of the Chemicals (Hazard Information and Packaging) Regulations. It does not constitute the user's own assessment of work-place risks as required by other health and safety legislation. The provisions of the Health and Safety at Work etc. Act and the Control of Substances Hazardous to Health Regulations apply to the use of this product at work.

The product should not be used for purposes other than those shown in Section 1. without first referring to the supplier and obtaining written handling instructions. As the specific conditions of the product are outside the supplier's control, the user is responsible for ensuring that the requirements of the relevant legislation are complied with.

OES/MEL values are obtained from the current issue of EH40 unless indicated thus (Sup) when a value has been obtained from the supplier.

We believe the statements/technical information and recommendations contained herein are reliable. However, the information is provided without warranty expressed or implied. It is the users responsibility both to determine safe conditions for use of this product and assume loss damage or expense direct or consequential arising from use of this product. Before use always read the product label and H & S text.

Further information and advice can be found in the following publications:

THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS 1988 (SI 1988 : 1657)

STORAGE OF PACKAGED DANGEROUS SUBSTANCES HS(G)71.

THE ENVIRONMENTAL PROTECTION (DUTY OF CARE) REGULATIONS 1992 (SI 1992 : 2839).

THE HIGHLY FLAMMABLE LIQUIDS AND LIQUIFIED PETROLEUM GASES REGULATIONS 1972 (SI 1972 : 917).

STORAGE OF FLAMMABLE LIQUIDS IN CONTAINERS HS(G)51.

THIS PRODUCT SHOULD BE STORED, HANDLED AND USED IN ACCORDANCE WITH GOOD INDUSTRIAL HYGIENE PRACTICES AND IN CONFORMITY WITH LEGAL REGULATIONS. THE INFORMATION CONTAINED HEREIN IS BASED ON THE CURRENT STATE OF OUR KNOWLEDGE AND IS INTENDED TO DESCRIBE PRODUCTS FROM THE POINT OF VIEW OF SAFETY REQUIREMENTS AND THUS SHOULD NOT BE CONSTRUED AS GUARANTEEING SPECIFIC PROPERTIES.

FOR FURTHER INFORMATION CONTACT ACTION CAN TECHNICAL DEPARTMENT. Tel: 01942 713667