

ORIGINATED : 11/07/1996

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

Product Name : Cold Galv

Product Code : CG 123

Use/Description of Product : Metal Weldable Galvaniser for automotive and Industrial Use
Specifically designed to Hold back rust on prepared panel
Able to be overpainted with 2pack or Waterbased Paints

Company Name : Rotec Industries
Unit 3a Broad Oak
Redbrook Maelor
Whitchurch
Shropshire
SY13 3AQ

Telephone : 01948 780111

Fax : 01948 780115

Emergency Telephone No : 01948 780111 / 07768 271691

2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients :

Substance Name	EINECS No.	CAS No.	% Conc Range	Hazard Symbols	Risk Phrases
GALVANISING PAINT			30 – 50	Xn, Xi, N	10,20,21,38, 51/53
ACETONE	200-662-2	67-64-1	30 – 50	F, Xn, Xi, -	11,36,66,67
PROPANE	200-827-9	74-98-6	10 – 30	F+,	12
ISOBUTANE	200-857-2	75-28-5	0.1 – 10	F	12
BUTANE	203-448-7	106-97-8	0.1 – 10	F+	12

3. HAZARD IDENTIFICATION

Classifications : Extremely Flammable. Harmful by inhalation. Irritating to Eyes and skin. Toxic to aquatic organisms. May cause Long-term adverse affects in the aquatic environment.

Main Hazard Overview :
Avoid haphazard use of product, where contact with eyes and skin will follow. Pressurised container. Protect from sunlight and do not expose to temperatures exceeding 50 deg C. do not pierce or burn even after use. Do not spray on a naked flame or any incandescent material. Deliberately concentrating and inhaling the contents of this container is dangerous and can be fatal.

4. FIRST AID MEASURES (SYMPTOMS) part 1

Skin Contact : There may be mild irritation at the site of contact.

Eye Contact : There may be irritation and/or redness. Eyes may water profusely.

Ingestion : There may be soreness and redness of the mouth. There May be vomiting, nausea or stomach pains.

Inhalation : There may be irritation of the throat with a feeling of Tightness in the chest.

4. FIRST AID MEASURES (ACTIONS) part 2

General :
In all cases of doubt or when symptoms persist seek medical attention. Never give anything by mouth to an unconscious person.

Skin Contact :
Remove contaminated clothing, unless stuck to skin. Drench affected skin with running water for 10 minutes or longer if substance is still on skin. Consult a Doctor.

Eye Contact :
Bathe the eye with running water for 15 minutes, consult a Doctor.

Ingestion :
Wash out mouth with water. Do NOT induce vomiting. If conscious, give half a litre of water to drink immediately. Consult a Doctor.

Inhalation :
Remove casualty from exposure ensuring one's own safety whilst doing so, consult a Doctor.

5. FIRE-FIGHTING MEASURES

Extinguishing Media : suitable extinguishing media for the surrounding fire should Be used. Use water spray to cool containers.

Exposure Hazards : In combustion , emits toxic fumes

Protection of Fire-fighters : Wear self contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions : Refer to section 8 of SDS for personal protection details. If outside, do not approach from downwind. If outside, keep Bystanders upwind away from danger point. Mark out the contaminated area with signs, and prevent access to unauthorised personnel. Turn leaking containers leak-side up to prevent escape of liquid

Environmental Precautions : Do not discharge into drains or rivers. Contain the spillage using bunding.

Clean-up Procedures : Absorb into dry earth or sand. Transfer to a closable, Labelled salvage container for disposal by an appropriate Method.

7. HANDLING AND STORAGE

Handling requirements
Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of mists in the air.

Storage Conditions
Store in a cool, well ventilated area. Keep container tightly closed. The floor of the storage room must be impermeable to prevent the escape of liquids.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients :

Substance Name	Occupational Exposure Limit				Notation
	15 min WEL		8 hr WEL		
	ppm	Mg/m3	ppm	Mg/m3	
ACETONE	-	3620.00	-	1210.00	
BUTANE	750.00	1810.00	600.00	1450.00	
PROPANE	-	7200.00	100.00	1800.00	
ISOBUTANE	-	9600.00	-	2400.00	

Engineering Measures
Ensure there is sufficient ventilation of the area.

Respiratory Protection
Self-contained breathing apparatus must be available in case of emergency.

Hand Protection
Impermeable gloves.

Eye protection
Safety glasses. Ensure eye bath is to hand.

Skin Protection
Impermeable protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	:	Aerosol
Colour	:	Shiny Silver Grey
Odour	:	pronounced paint lacquer odour
Evaporation Rate	:	Heavier than air. No data available
Solubility in Water	:	IMMISCIBLE
Flash Point C	:	-12 deg C

10. STABILITY AND REACTIVITY

Stability	:	Stable under normal conditions.
Conditions to Avoid.	:	Heat
Materials to Avoid	:	Strong oxidising agents. Strong acids.
Haz. Decomp. Products.	:	In combustion emits toxic fumes.

11. TOXICOLOGICAL INFORMATION

Hazardous Ingredients	:	ACETONE IVN RAT LD50 5500 Mg/Kg ORL MUS LD50 3 gm/Kg ORL RAT LD50 5800 Mg/Kg
Routes of Exposure.	:	Refer to section 4 of SDS for routes of exposure and Corresponding symptoms

12. ECOLOGICAL INFORMATION

Mobility	:	readily absorbed into soil
Persistence & Degradability	:	Not Biodegradable
Bioaccumulation	:	Bioaccumulation potential
Other Adverse Effects	:	Toxic to aquatic organisms. Toxic to soil organisms.

13. DISPOSAL INFORMATION

NB:
The users attention is drawn to the possible existence of regional or national regulation regarding disposal, Consult local Regulations.

14. TRANSPORT INFORMATION

Road/Rail	:UN No.....1950 Designation.....AEROSOLS	Packing Group....N/A	Class.....2
Sea	:Packing Grp. <= 30 lts.....N/A Marine Pollutant..... EMS.....F-D-S-U Main Risk..... Shipping Name.....AEROSOLS	Packing Grp. > 30 lts.....N/A UN No.....1950 MFAG.....	Class.....2
Air	:Packing grp. <= 30 lts.....N/A UN Number.....1950	Packing Grp. > 30 lts.....N/A	Class.....2
International Road/Rail	:Item Number..... Main Risk..... Shipping Name.....AEROSOLS	UN Number.....1950	Class..... 2 Sub Risk see SP63

15. REGULATORY INFORMATION

The product is classified and labelled for supply in accordance with the Chemicals (Hazard Information & Packaging) Regulations as follows:



Risk Phrases	:	12	Extremely Flammable
		20/21	Harmful by inhalation and in contact with skin
		36/38	Irritating to eyes and skin
		51/53	Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment
		66	Repeated exposure may cause skin dryness or cracking
Safety Phrases	:	16	Keep away from sources of ignition – NO smoking
		23	Do not breathe spray
		26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
		36/37	wear suitable protective clothing and gloves
		38	In cases of insufficient ventilation, wear suitable respiratory equipment.
		51	Use only in well ventilated areas
		61	Avoid release into the environment. Refer to special instructions/ Safety data sheet
Precautionary Phrases			Pressurised container : protect from sunlight and do not expose to temperatures exceeding 50 deg c. Do not pierce or burn even after Use. Do not spray on a naked flame of any incandescent material. Keep Away from sources of ignition, no smoking. Keep out the reach Of children.

The information contained in this Safety data Sheet does not constitute the users own assessment of the workplace risks as required by other Health & Safety Legislations. The provisions of the Health & Safety at work Etc. Act and the Control of Substances Hazardous to Health Regulations apply to the use of this product in a suitable work environment.

16. ADDITIONAL INFORMATION

Risk Phrases Listed in Section 2

R 10	Flammable	R11	Highly flammable
R20	Harmful by inhalation	R21	Harmful in contact with skin
R36	Irritating to eyes.	R38	Irritating to skin.
R51/53	Toxic to aquatic organisms, may cause long term adverse effects in aquatic environment.		
R 66	Repeated exposure may cause skin dryness or cracking.		
R67	Vapours may cause drowsiness or dizziness.		

Legal disclaimer

The above information is believed to be correct but does not purport to be all inclusive and shall be only used as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

Further information and relevant advice can be found in:

The Control of Substances Hazardous to Health Regulations 1988(SI 1988: 1657)

The Manual Handling Operations Regulations 1992 (SI 1992: 2793)

Storage of Flammable Liquids in Containers. HS (G) 51

Storage of Packaged Dangerous Substances. HS (G) 71

The Environmental Protection (Duty of Care) Regulations 1992 (S) 1988: 2839