

1 IDENTIFICATION OF THE PREPARATION AND COMPANY

1. **Product Name: Corroless RF16 Top Coat(L)**
 Product Code: 2247/-
 Revision: 3.0
 Issue Date: 08/01/15
2. Intended Use: Industrial Paint (Top coat containing lead pigment)
3. **Supplier:**
CORROLESS Corrosion Control
 Kelvin Way,
 West Bromwich
 West Midlands
 B70 7JZ, United Kingdom
 Telephone: +44 (0)121 525 5665
 Facsimile: +44(0)121 553 2787
 (Not 24Hrs)
 Email: contact@corroless.com
 Website: www.corroless.com

2 HAZARDS IDENTIFICATION

Flammable
 Danger of cumulative effects
 Limited evidence of a carcinogenic effect
 May cause harm to the unborn child
 Possible risk of impaired fertility
 Harmful by inhalation and contact with skin
 Contains lead - should not be used on surfaces liable to be chewed or sucked by children
 Restricted to professional users
 Irritating to the skin
 Contains Ethyl methyl ketoxime May produce an allergic reaction.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Name Of Substance & [EINECS No]	Concentration	Symbol	R Phrases
Lead chromate[231-846-0]	10-25 %	T	R61-62-33-40-50/53-P95
Xylene, mixture of isomers[215-535-7]	25-50 %	Xn	R10-20/21-38
Ethyl benzene[202-849- 4]	1-10 %	Xn	R10-20
2-Methoxy-1- methylethyl acetate[203-603-9]	1-10 %	Xi	R10- 36
White spirit[265-191-7]	10-25 %	Xn	R10-51/53-65-66
Chromate pigments	10-25 %		

4 FIRST AID MEASURES

General

- * In all cases of doubt, or when symptoms persist, seek medical attention.
- * If unconscious place in recovery position, give nothing by mouth.

Inhalation

- * Remove to fresh air.
- * If breathing is irregular or stopped, administer artificial respiration.

Eye Contact

- * Immediately irrigate copiously with clean water for at least 10 minutes.

Skin Contact

- * Remove contaminated clothing.
- * Wash skin thoroughly with soap and water or recognised skin cleaner.
- * Do NOT use solvents or thinners.

Ingestion

- * If swallowed obtain immediate medical attention.
- * Keep at rest.
- * Do NOT induce vomiting.

5 FIRE FIGHTING MEASURES

- * Extinguishing Media: alcohol resistant foam, CO₂, powder or water fog.
- * Never use water jets or water from buckets etc. to fight fire.
- * Closed packages may be cooled with water spray.
- * Fire will produce dense black smoke.
- * Exposure to decomposition products may cause a health hazard.
- * Appropriate self contained breathing apparatus may be required.
- * Cool closed containers exposed to fire with water.
- * Do not allow run-off from fire-fighting to enter drains or water courses.

6 ACCIDENTAL RELEASE MEASURES

- * Exclude sources of ignition.
- * Ventilate the area.
- * Exclude non-essential personnel.
- * Avoid breathing vapours.
- * Contain/collect spillage with non-combustible absorbent materials.

7 HANDLING AND STORAGE

Handling

- * Avoid inhalation of dusts, particulates and spray mist from use of this product which contains Lead chromate.
- * Vapours are heavier than air & may spread along floors.
- * Keep the container tightly closed.
- * Isolate from sources of heat, sparks and open flame.
- * Avoid skin and eye contact/inhalation of vapour and mist.
- * The Manual Handling Operation Regulations apply.
- * Guide pack weight: [5 Ltr= 8 Kgs] [20 Ltr= 28 Kgs] [25 Ltr= 34 Kgs]

Storage

- * Dangerous Substances & Explosive Atmospheres Regs apply.
- * HSE guidance note: Storage of Packaged Dangerous Substances HS(G)71 should be observed.
- * Observe the label precautions.
- * The accumulation of contaminated rags and of dry overspray, particularly in spray booth filters, may result in spontaneous combustion. Good housekeeping standards, regular safe removal of waste materials and regular maintenance of spray booth filters will minimise the risks of spontaneous combustion and other fire hazards.
- * Separate from oxidising agents.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Measures

- * Provide adequate ventilation.
- * Spray in booths/enclosures with sufficient ventilation to prevent mist escaping to surrounding area.
- * Respiratory protective equipment should be worn by spray booth operators.

Workplace Exposure Limits (WEL's) - Expressed as parts per million if available, else milligrams/cubic metre(m).

- * Those marked "REC" are unofficial limits provided for guidance only.

Substance	VIR	8hr TWA	15 Min STEL	Type	Skin	Notes
Lead chromate	I	0.15m		WEL	N	As Pb
Xylene, mixture of isomers	V	50.000	100.000	WEL	Y	BMGV
Ethyl benzene	V	100.000	125.000	WEL	Y	IOELV
2-Methoxy-1- methylethyl acetate	V	50.000	100.000	WEL	Y	
White spirit	V	100.000	125.000	WEL	N	
Chromate pigments	I	0.05m		WEL	N	As Cr(VI)
Inhalable Dusts	I	10.000		WEL	N	
Respirable Dusts	R	4.000		WEL	N	

V=Vapour, I=Inhalable dust, R=Respirable dust

Respiratory Protection

- * Air fed respiratory protection should be worn when product sprayed.

Hand, Eye, Skin Protection

- * Equipment conforming to Use of PPE Regulations should be worn.
- * COSHH Regulations apply.

9 PHYSICAL AND CHEMICAL PROPERTIES

- a) Physical State : Liquid
- b) Flash Point : Between 21 & 32°C
- c) Specific Gravity : 1.19 ± 0.1
- d) Vapour Density : Heavier Than Air.
- e) Solubility in Water : Immiscible with Water

10 STABILITY AND REACTIVITY

- * Stable under recommended storage and handling conditions.
- * Decomposition products are carbon monoxide , carbon dioxide, smoke and oxides of nitrogen.
- * Keep away from oxidising agents, alkali and acid.

11 TOXICOLOGICAL INFORMATION

- * No data available on product itself, however: -
- * Increased incidences of lung cancer have been identified in the chromate pigment manufacturing industry. Epidemiological studies have shown that where lead chromates alone were manufactured there were no cancer excesses. Animal studies have shown that some insoluble chromates are carcinogenic but the data does not extend to lead chromate pigments. There is no evidence of a risk of lung cancer arising from the use of lead chromate containing products.
- * Following the introduction of the criteria for Toxic to Reproduction hazard classification the EC has classified all lead compounds as causing developmental toxicity in humans. Lead chromate, although of relatively low solubility and bioavailability, is included in this classification.
- * Exposure to organic solvent vapours may result in adverse health effects on mucous membrane, respiratory system, renal and central nervous systems. Symptoms include headaches, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases loss of consciousness.
- * Substances used within this product have irritant properties.
- * Prolonged or repeated contact with skin/mucous membrane may result in symptoms such as redness, blistering or dermatitis.
- * Splashes in eyes may cause irritation.
- * Inhalation of droplets/aerosols may irritate respiratory tract.
- * Ingestion may lead to severe respiratory difficulties, stimulation of central nervous system and in extreme cases unconsciousness.
- * Repeated or prolonged contact may result in non-allergic contact dermatitis and absorption through the skin.

12 ECOLOGICAL INFORMATION

- * Air Pollution Control or Integrated Pollution Control regulations made under the Environmental Protection Act may apply.
- * Do not allow to enter drains or water courses.
- * This product contains a substance which is :-
R50 - Very toxic to aquatic organisms
R51 - Toxic to aquatic organisms.

13 DISPOSAL CONSIDERATIONS

- * In accordance with Control of Pollution Act and Environmental Protection Act.

14 TRANSPORT INFORMATION

	CDG- CPL	ADR	IMDG
Class Number	3	3	3
Subsidiary Hazard Code	NUL	NUL	NUL
Packing Group	III	III	III
Tunnel Codes / EmS Codes		(D/E)	F-E;S-E
Proper Shipping Name	Paint		
U.N. Number	1263		
Marine Pollutant : No			

15 REGULATORY INFORMATION

* Classified and labelled for supply in accordance with the Chemicals (Hazard Information and Packaging) Regulations as follows:-

HEALTH **T,Xi** **Toxic & Irritant**



PHYSICO-CHEMICAL **F-** **Flammable**



ENVIRONMENT **N** **Dangerous for the Environment**



- R10 Flammable
- R33 Danger of cumulative effects
- R40 Limited evidence of a carcinogenic effect
- R61 May cause harm to the unborn child
- R62 Possible risk of impaired fertility
- R20/21 Harmful by inhalation and contact with skin
- P90 Contains lead - should not be used on surfaces liable to be chewed or sucked by children
- P95 Restricted to professional users
- R38 Irritating to the skin
- P99% Contains Ethyl methyl ketoxime May produce an allergic reaction.
- S23c Do not breathe vapour or spray mist
- S42 During spraying wear suitable respiratory equipment
- S44 If you feel unwell, seek medical advice(show the label where possible)
- SP94 Empty Containers should be disposed of in accordance with the requirements of the regs made under EPA or Control of Pollution Act
- S28a After contact with skin, clean immediately with proprietary skin cleaner and wash with plenty of soapy water

* The information contained in this data sheet does not constitute the user's own assessment of workplace risks as required by health and safety legislation.

16 OTHER INFORMATION

* Do not use for purposes other than those shown in Section 1 without referring to the supplier.