

Safety Data Sheet

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Issue date: August 2017

ARDROX 907PB AEROSOL

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: ARDROX 907PB AEROSOL

Use: WATER WASHABLE RED DYE PENETRANT

Details of the supplier of the safety data sheet

Company	:	Chemetall (New Zealand)Limited 664 Rosebank Rd, Avondale 1026 Auckland
Telephone	:	+649 820 3888
Telefax	:	+649 820 3979
Contact person product safety	:	Chief Chemist
Telephone	:	+649 820 3888
E-mail address	:	trevor.davies@chemetall.com

Emergency telephone number

Emergency telephone number : +64 021 703418 AFTER HOURS

2. HAZARDS IDENTIFICATION

HAZARDOUS ACCORDING TO ACCORDING TO NZ EPA CRITERIA

HAZARD CLASSIFICATIONS & STATEMENTS :

- 2.1.2A Flammable Aerosol
- 6.1E Substances that present a mild acute toxicity risk
- 6.3B Substances that are skin irritants
- 6.4A Substances that are irritating to the eyes



DANGER

Combustible liquid
May be harmful if inhaled, if swallowed, or in contact with skin.
Causes serious eye irritation
Causes mild skin irritation.
Pressurised container. Do not pierce or burn even after use

PRECAUTION STATEMENTS

Wear eye/face protection
Keep only in original container.
Wash thoroughly after handling.
In Case of fire use dry chemical, CO2 or water spray
Keep away from heat/sparks/open flames and hot surfaces

3. COMPOSITION / INFORMATION ON INGREDIENTS

SUBSTANCE NAME	Proportion	CAS Number
HYDROCARBONS - LIQUID	Greater than 60%	64742-47-8
NONIONIC SURFACTANTS	10 - 30%	
CARBON DIOXIDE	Less than 10%	124-38-9

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DYES

Less than 10%

4. FIRST AID MEASURES

Swallowed:

If swallowed, DO NOT induce vomiting. If victim is conscious give water to drink. If sickness persists seek medical attention.

Eye:

If material is splashed into eyes, flush with plenty of water for at least 15 minutes, ensuring eye lids are held open. If irritation persists, seek medical attention.

Skin:

If material is splashed onto the skin, remove any contaminated clothing and wash skin thoroughly with water and soap if available. If irritation persists seek medical attention.

Inhaled:

Remove victim to fresh air - Apply resuscitation if victim is not breathing - Obtain medical attention.

First Aid Facilities:

Eye wash fountain, safety shower and normal wash room facilities.

Advice to Doctor:

Treat symptomatically.

Advice to Doctor:

Treat symptomatically.

In case of poisoning, contact Poisons Information Centre

In New Zealand Tel: 0800 764 766

5. FIRE-FIGHTING MEASURES

Fire/Explosion Hazard

If safe to do so, move undamaged containers from fire area.

SMALL FIRE

Use dry chemical, CO2 or water spray to extinguish burning gas if safe to do so.

DO NOT USE WATER JETS.

LARGE FIRE

Cool container by directing flooding quantities of water onto upper surface until well after fire is out - DO not direct water at source of leak or venting safety devices as icing may occur, which could then cause a pressure build up and consequently an explosion could result.

Cool container and fight secondary fire from protected position or use unmanned hose holders - When impossible, withdraw immediately from hazard area and let burn.

Withdraw immediately in case of rising sound from venting safety devices or discolouration of tank - tank may explode.

ALWAYS stay away from tank ends.

Damaged containers should only be handled following expert advice.

FLAMMABILITY

Avoid all sources of ignition, heat and naked flames.

6. ACCIDENTAL RELEASE MEASURES

ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area).

- All equipment used when handling the product must be grounded.

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- Fully encapsulating, vapour protective clothing should be worn for spills and leaks with no fire.
- Do not touch or walk through spilled material.
- Stop leak if you can do it without risk.
- Do not direct water at spill or source of leak.
- Use water spray to reduce vapors or divert vapor cloud drift.
- If possible, turn leaking containers so that gas escapes rather than liquid.
- Prevent entry into waterways, sewers, basements or confined areas.
- Isolate area until gas has dispersed.

7. HANDLING AND STORAGE

Store in a cool place and out of direct sunlight. Store away from sources of heat, ignition, sparks, flames or electrical discharges. All equipment must be earthed. Store away from oxidizing agents.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Standards

No exposure standards are available for this product, however, the following exposure standards have been assigned by [NOHSC] to the following components of the product:

HYDROCARBONS - LIQUID

No exposure standards have been assigned by the Worksafe NZ

Based on composition manufacturer recommends 100ppm for total hydrocarbon.

Engineering Controls

Absolutely no smoking or other sources of ignition. All valves, regulators, reticulation etc must be in good working order and should be checked regularly according to any National or International Standards or Manufacturers instructions. Maintain adequate ventilation. The use of natural ventilation systems are adequate unless the gas is being used in a process, then the use of a local exhaust ventilation system is recommended.

Personal Protection Equipment

CLOTHING: Normal working overalls and footwear unless body contact is expected then PVC or Nitrile.

GLOVES: PVC or Nitrile if skin contact is expected.

EYES: Chemical goggles or faceshield to protect eyes if eye contact expected.

RESPIRATORY PROTECTION: Avoid breathing of vapours, mists or spray. Select and use respirators in accordance with AS/NZS 1715/1716.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Dark red mobile liquid. Hydrocarbon odour.
Boiling Point:	225deg C (Initial)
Specific Gravity:	Approx 0.87
Flash Point:	93degC minimum (Closed Cup)
Flammability Limits:	Estimated 1-12%
Solubility in Water:	Insoluble but will emulsify

10. STABILITY AND REACTIVITY

STABILITY:

Stable under normal conditions of use.

HAZARDOUS DECOMPOSITION PRODUCTS:

Emits acrid smoke and fumes when heated to decomposition.

HAZARDOUS POLYMERIZATION:

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Will not occur.

INCOMPATIBILITIES:

Oxidizing agents.

CONDITIONS TO AVOID:

Heat, flames, ignition sources and incompatibles.

11. TOXICOLOGICAL INFORMATION

No adverse health effects are expected, if the product is handled in accordance with this Material Safety Data Sheet and the product label. Symptoms and effects that may arise if the product is mishandled and overexposure occurs are:

ACUTE HEALTH EFFECTS:

Swallowed:

May cause nausea, vomiting and diarrhoea. Expected to have a low level of toxicity.

Eye:

May cause irritation to the eyes, with effects including: tearing, pain, stinging and blurred vision.

Skin:

Prolonged or frequent contact may cause irritation to the skin, with effects including; Redness, itchiness and the risk of developing dermatitis may exist.

Inhaled:

May cause irritation to the nose, throat and respiratory system with effects including: Dizziness, headache and loss of co-ordination.

Toxicological Data:

There is no other toxicological information available for this product.

12. ECOLOGICAL INFORMATION

This substance may cause long term adverse effects in the aquatic environment.

13. DISPOSAL CONSIDERATIONS

Whatever cannot be saved for recovery or recycling should be handled as hazardous waste and sent to an approved waste facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

14. TRANSPORT INFORMATION

UN Number: 1950

Proper Shipping Name: AEROSOLS

Dangerous Goods Class: 2.1

Packing Group: None allocated

HazChem: None allocated

15. REGULATORY INFORMATION

NZ EPA Group Standard: Surface Coatings and Colourants, Combustible HSR002657

16. OTHER INFORMATION

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Contact Point

Emergency telephone number

Emergency telephone number : +64 021 703418 AFTER HOURS

Disclaimer

The information herein is to the best of our knowledge, correct and complete. It describes the safety requirements for this product and should not be construed as guaranteeing specific properties. Since methods and conditions are beyond our control Chemetall (Australasia) Pty Ltd and its associated companies does not accept liability for any damages resulting from the use of, or reliance on, this information in inappropriate contexts.

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END OF MSDS