SAFETY DATA SHEET

Ardrox 907PB, Aero (0,3 KG)

Version	Revision Date:	SDS Number:	Date of last issue: 22.08.2025
5.0	11.10.2025	000000000050628837	Date of first issue: 24.12.2024

Section 1: Identification

Product name : Ardrox 907PB, Aero (0,3 KG)

Product code : 000000000050628837

Manufacturer or supplier's details

Surventis Limited
Level 1, 527A Rosebank Road, Avondale
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New Zealand
Formerly known as BASF Coatings and
Chemetall New Zealand Limited

Emergency contact

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Emergency telephone : Local: 0800 425 459 (english)
International: +65 3163 8374 (multilingual)
National Poisons Centre: 0800 764 766

Recommended use of the chemical and restrictions on use

Recommended use : Red penetrative liquid.

Restrictions on use : Uses other than recommended

Section 2: Hazard identification

GHS Classification

Aerosols : Category 1

Serious eye damage/eye irritation : Category 1

Reproductive toxicity : Category 2

Specific target organ toxicity - repeated exposure : Category 2 (Liver, spleen)

GHS label elements

Hazard pictograms :



Signal Word : Danger

Hazard Statements : H222 Extremely flammable aerosol.
H229 Pressurised container: May burst if heated.
H318 Causes serious eye damage.
H361 Suspected of damaging fertility or the unborn child.
H373 May cause damage to organs (Liver, spleen) through prolonged or repeated exposure.

Precautionary Statements : **Prevention:**
P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P211 Do not spray on an open flame or other ignition source.
P251 Do not pierce or burn, even after use.
P260 Do not breathe dusts or mists.
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection/ hearing protection.
Response:
P305 + P351 + P338 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/ doctor.
P308 + P313 IF exposed or concerned: Get medical advice/ attention.
Storage:
P405 Store locked up.
P410 + P412 Protect from sunlight. Do not expose to

temperatures exceeding 50 °C/ 122 °F.
Disposal:
P501 Dispose of contents/ container to an approved waste disposal plant.

Other hazards which do not result in classification
Container is under pressure. Protect from sun and temperatures above 50 °C. Do not open with force or incinerate even after use. Do not spray into flames or onto glowing objects.

Section 3: Composition/information on ingredients

Chemical nature : organic compounds
polymers
organic solvent

Components

Chemical name	Common Name/Synonyms	CAS-No.	Classification	Concentration (% w/w)
Distillates (petroleum), hydro-treated light; Kerosine — unspecified	Distillates (petroleum), hydrotreated light	64742-47-8	Aspiration hazard, Category 1	>= 30 -< 50
butane	butane	106-97-8	Flammable gases, Category 1A Gases under pressure, Liquefied gas	>= 20 -< 30
(POLYMER) Alcohols, C9-11, ethoxylated	Alcohols, C9-11, ethoxylated	68439-46-3	Acute toxicity (Oral), Category 4 Serious eye damage/eye irritation, Category 1	>= 3 -< 10
dipropylene glycol monomethylether	(2-methoxymethyletho	34590-94-8	Flammable liquids, Category 4	>= 1 -< 10

	xy)propanol			
Ethoxylated Secondary Alcohols	Alcohols, C11-15-secondary, Ethoxylated	68131-40-8	Acute toxicity (Oral), Category 4 Serious eye damage/eye irritation, Category 1	>= 1 -< 3
Distillates (petroleum), hydrotreated light naphthenic	Distillates (petroleum), hydrotreated light naphthenic	64742-53-6	Aspiration hazard, Category 1	>= 1 -< 10
2-Naphthalenol, 1-[[4-(phenylazo)phenyl]azo]-, ar-heptyl ar',ar''-Me derivs.	2-Naphthalenol, 1-[[4-(phenylazo)phenyl]azo]-, ar-heptyl ar',ar''-Me derivs.	92257-31-3	Reproductive toxicity, Category 2 Specific target organ toxicity - repeated exposure (Liver, spleen), Category 2 Hazardous to the aquatic environment - chronic hazard, Category 4	>= 1 -< 2.5
2-(2-Heptadec-8-enyl-2-imidazolin-1-yl)ethanol	2-(2-heptadec-8-enyl-2-imidazolin-1-yl)ethanol	95-38-5	Acute toxicity (Oral), Category 4 Skin corrosion/irritation, Category 1C Serious eye damage/eye irritation, Category 1 Specific target organ toxicity - repeated exposure (Digestive organs, thymus gland), Category 2 Hazardous to the aquatic environment	>= 0.1 -< 0.25

			- acute hazard, Category 1 Hazardous to the aquatic environment - chronic hazard, Category 1	

Section 4: First-aid measures

General advice : Immediately remove contaminated clothing.
If the patient is likely to become unconscious, place and transport in stable sideways position (recovery position).
Move out of dangerous area.
First aid personnel should pay attention to their own safety.
In all cases of doubt, or when symptoms persist, seek medical attention.
Never give anything by mouth to an unconscious person.

If inhaled : If breathed in, move person into fresh air.

If breathing is irregular or stopped, administer artificial respiration.

If symptoms persist, call a physician.

In case of skin contact : Do NOT use solvents or thinners.

If symptoms persist, call a physician.

Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.

In case of eye contact : Immediately wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist.

		If easy to do, remove contact lens, if worn. Call a physician immediately.
If swallowed	:	Rinse mouth. Do NOT induce vomiting. If symptoms persist, call a physician.
Most important symptoms and effects, both acute and delayed	:	Causes serious eye damage. Suspected of damaging fertility or the unborn child. May cause damage to organs through prolonged or repeated exposure. Information, i.e. additional information on symptoms and effects may be included in the GHS labeling phrases available in Section 2 and in the Toxicological assessments available in Section 11.
Notes to physician	:	Treat symptomatically. No known specific antidote.

Section 5: Fire-fighting measures

Suitable extinguishing media	:	Water spray jet Dry powder Alcohol-resistant foam

Carbon dioxide (CO_2)

Unsuitable extinguishing media	:	High volume water jet
Specific hazards during fire fighting	:	Cool containers exposed to fire with water. Decomposition, pressure build-up and bursting of containers may occur.
Hazardous combustion products	:	Carbon oxides

Advice for firefighters

Specific extinguishing methods	:	Cool containers/tanks with water spray. Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.
Special protective equipment for fire-fighters	:	Appropriate breathing apparatus may be required.

Section 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures	:	Avoid breathing vapours. For non-emergency personnel: Use personal protective equipment. Ensure adequate ventilation, especially in confined areas. Keep away from sources of ignition. For emergency responders: Advice on product handling can be found in sections 7 and 8 of this safety data sheet.
Environmental precautions	:	If the product contaminates rivers and lakes or drains inform respective authorities. Do not allow uncontrolled discharge of product into the environment. Avoid subsoil penetration.
Methods and materials for containment and cleaning up	:	Ensure adequate ventilation. Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).

Section 7: Handling and storage

Advice on protection against fire and explosion	:	Avoid all sources of ignition: heat, sparks, open flame. Product may charge electrostatically: always use earthing leads when transferring from one container to another and earth containers. It is recommended that operators should wear antistatic clothing and footwear. Solvent vapors are heavier than air and spread along floors. Vapor forms explosive mixtures with air. The relevant fire protection measures should be noted. Use explosion-proof equipment. Vapors may form explosive mixtures with air.
Advice on safe handling	:	Do not breathe vapors or spray mist. Provide good ventilation of working area (local exhaust ventilation if necessary). Do not return residues to the storage containers. Handle with care - avoid bumps, friction and impact. Smoking, eating and drinking are forbidden in application area. For personal protection see section 8. Comply with the health and safety at work laws. The workplace should be equipped with an emergency shower and eye-rinsing facility. Avoid contact with the skin, eyes and clothing. Handle in accordance with good industrial hygiene and safety practice.
Hygiene measures	:	Remove contaminated clothing immediately and dispose of

		safely. Wash hands before breaks and at the end of workday. Keep away from food, drink and animal feedingstuffs.
Further information on storage conditions	:	Avoid direct sunlight. Close containers carefully once opened and store them upright in order to prevent any leakage. No smoking. No admission for unauthorised personnel. Always keep in containers of same material as the original one. Observe label precautions. Keep in a dry, cool and well-ventilated place.
Materials to avoid	:	Keep away from oxidizing agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.
Storage period	:	60 Months
Packaging material	:	Suitable material: Paper/Fibreboard, Carbon steel (Iron), tinned carbon steel (Tinplate)

Section 8: Exposure controls/personal protection

Ingredients with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
Distillates (petroleum), hydro-	64742-47-8	WES-TWA	5 mg/m3	NZ OEL

treated light; Kerosine — unspecified		(Mist)		
		WES-STEL (Mist)	10 mg/m3	NZ OEL
butane	106-97-8	WES-TWA	800 ppm 1,900 mg/m3	NZ OEL
		STEL	1,000 ppm	ACGIH
dipropylene glycol monomethylether	34590-94-8	WES-TWA	100 ppm 606 mg/m3	NZ OEL
	Further information: Skin absorption			
		WES-STEL	150 ppm 909 mg/m3	NZ OEL
	Further information: Skin absorption			
		TWA	50 ppm	ACGIH
Distillates (petroleum), hydrotreated light naphthenic	64742-53-6	WES-TWA (Mist)	5 mg/m3	NZ OEL
		WES-STEL (Mist)	10 mg/m3	NZ OEL
		TWA (Inhalable particulate matter)	5 mg/m3	ACGIH

Engineering measures : Ensure adequate ventilation.

Personal protective equipment

Respiratory protection	:	When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.
Filter type	:	Combined particulates, organic gas and low boiling vapor type
Hand protection		
Remarks	:	The selected protective gloves have to satisfy the specifications of Regulation (EU) 2016/425 and the standard EN 374 derived from it. nitrile rubber (NBR) - 0.4 mm coating thickness butyl rubber (butyl) - 0.7 mm coating thickness Performance level 6, corresponding to a breakthrough time of >480 min according to EN ISO 374-1 The protection glove should be tested for its specific suitability (e.g. mechanical strength, product compatibility, anti-static properties). Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough. Preventive skin protection
Eye protection	:	Tightly fitting safety goggles (splash goggles) (e.g. EN 166)
Skin and body protection	:	Chemical resistant protective clothing according to DIN EN 13034 (Type 6)
Protective measures	:	Eye wash fountains and safety showers must be easily accessible. If these are not sufficient to maintain concentrations at the workplace below the occupational exposure limits, appropriate certified respirators must be worn. Avoid contact with the skin, eyes and clothing.

Handle in accordance with good industrial hygiene and safety practice.

Section 9: Physical and chemical properties

Appearance	:	under pressure
Color	:	dark red
Odor	:	hydrocarbon-like
Odor Threshold	:	not determined
pH	:	substance/mixture is a gas
Melting point/ range	:	Study technically not feasible.
Boiling point/boiling range	:	Study technically not feasible.
Flash point	:	> 93 °C
Evaporation rate	:	not determined
Flammability (solid, gas)	:	Extremely flammable aerosol.
Upper explosion limit / Upper	:	Upper explosion limit

flammability limit		12 %(V)
Lower explosion limit / Lower flammability limit	:	< 1 %(V)
Vapor pressure	:	not determined (20 °C) not determined (50 °C)
Density	:	0.870 g/cm3 (20 °C)
Solubility(ies) Water solubility	: :	 not determined
Autoignition temperature	:	not determined
Decomposition temperature	:	No decomposition if stored and handled as prescribed/indicated.
Viscosity Viscosity, kinematic	: :	 6 mm2/s (23 °C) not determined (40 °C)
Flow time	:	Not applicable
Explosive properties	:	Not explosive

Oxidizing properties	:	The substance or mixture is not classified as oxidizing.
Self-heating substances	:	The substance or mixture is not classified as self heating.
Metal corrosion rate	:	Not corrosive to metals.
Particle characteristics Particle size	:	No data available

Section 10: Stability and reactivity

Reactivity	:	No dangerous reaction known under conditions of normal use.
Chemical stability	:	No decomposition if stored and applied as directed.
Possibility of hazardous reactions	:	Vapors may form explosive mixture with air. Risk of bursting.
Conditions to avoid	:	Avoid direct sunlight. Heat, flames and sparks.
Incompatible materials	:	Keep away from oxidizing agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.
Hazardous decomposition products	:	No decomposition if stored and applied as directed.

Section 11: Toxicological information

Acute toxicity

Based on available data, the classification criteria are not met.

Product:

Acute oral toxicity	:	Acute toxicity estimate: > 2,000 mg/kg Method: Calculation method

Skin corrosion/irritation
Based on available data, the classification criteria are not met.

Serious eye damage/eye irritation
Causes serious eye damage.

Respiratory or skin sensitization

Skin sensitization
Based on available data, the classification criteria are not met.

Respiratory sensitization
Based on available data, the classification criteria are not met.

Chronic toxicity

Germ cell mutagenicity
Based on available data, the classification criteria are not met.

Carcinogenicity
Based on available data, the classification criteria are not met.

Reproductive toxicity
Suspected of damaging fertility or the unborn child.

STOT-single exposure
Based on available data, the classification criteria are not met.

STOT-repeated exposure
May cause damage to organs (Liver, spleen) through prolonged or repeated exposure.

Aspiration toxicity
Based on available data, the classification criteria are not met.

Section 12: Ecological information

Ecotoxicity

No data available

Persistence and degradability

No data available

Bioaccumulative potential

Components:

butane:

Partition coefficient: n-octanol/water	:	log Pow: 2.31 (20 °C) pH: 7

dipropylene glycol monomethylether:

Partition coefficient: n-octanol/water	:	log Pow: 0.004 (25 °C) pH: 7.5 - 7.7 Method: OECD Test Guideline 107 GLP: yes

2-Naphthalenol, 1-[[4-(phenylazo)phenyl]azo]-, ar-heptyl ar',ar''-Me derivs.:

Partition coefficient: n-octanol/water	:	log Pow: > 6.5 (30 °C) pH: 6.4 Method: OECD Test Guideline 117

2-(2-Heptadec-8-enyl-2-imidazolin-1-yl)ethanol:

Partition coefficient: n-octanol/water	:	log Pow: 7.5 (25 °C)

Mobility in soil

No data available

Other adverse effects

No data available

Section 13: Disposal considerations

Disposal methods

Waste from residues	:	Do not discharge into drains/surface waters/groundwater. Observe national and local legal requirements.
Contaminated packaging	:	Packaging that is not properly emptied must be disposed of as the unused product.

Section 14: Transport information

International Regulations

UNRTDG

UN number	:	UN 1950
Proper shipping name	:	AEROSOLS
Class	:	2.1
Packing group	:	Not assigned by regulation
Labels	:	2.1
Environmentally hazardous	:	no

IATA-DGR

UN/ID No.	:	UN 1950
Proper shipping name	:	AEROSOLS
Class	:	2.1
Packing group	:	Not assigned by regulation
Labels	:	Flammable Gas
Packing instruction (cargo aircraft)	:	203
Packing instruction (passenger aircraft)	:	203

IMDG-Code

UN number	:	UN 1950
Proper shipping name	:	AEROSOLS
Class	:	2.1
Packing group	:	Not assigned by regulation
Labels	:	2.1
EmS Code	:	F-D, S-U
Marine pollutant	:	no

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
Not applicable for product as supplied.

Domestic regulation

NZS 5433

UN number	:	UN 1950

Proper shipping name	:	AEROSOLS
Class	:	2.1
Packing group	:	Not assigned by regulation
Labels	:	2.1
Marine pollutant	:	no

Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

Section 15: Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture

HSNO Approval Number

HSR002515 Aerosols Flammable Group Standard

Tolerable Exposure Limits (TEL)

Not applicable

Environmental Exposure Limits (EEL)

Not applicable

HSW Controls

Certified handler certificate not required.
Tracking hazardous substance not required.
Refer to the Health and Safety at Work (Hazardous Substances) Regulations 2017, for further information.

Section 16: Other information

Revision Date	:	11.10.2025

Further information

Other information	:	Restricted to professional users. For multi-pack systems observe material safety data sheets of all components.
Date format	:	dd.mm.yyyy

Full text of other abbreviations

ACGIH	:	USA. ACGIH Threshold Limit Values (TLV)
NZ OEL	:	New Zealand. Workplace Exposure Standards for Atmospheric Contaminants
ACGIH / TWA	:	8-hour, time-weighted average
ACGIH / STEL	:	Short-term exposure limit
NZ OEL / WES-TWA	:	Workplace Exposure Standard - Time Weighted average
NZ OEL / WES-STEL	:	Workplace Exposure Standard - Short-Term Exposure Limit

AIIC - Australian Inventory of Industrial Chemicals; ANTT - National Agency for Transport by Land of Brazil; ASTM - American Society for the Testing of Materials; bw - Body weight; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardization; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organization for Standardization; KECI - Korea

Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; MERCOSUR - The Agreement for the Facilitation of the Transport of Dangerous Goods; n.o.s. - Not Otherwise Specified; Nch - Chilean Norm; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NOM - Official Mexican Norm; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorization and Restriction of Chemicals; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TDG - Transportation of Dangerous Goods; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative; WHMIS - Workplace Hazardous Materials Information System

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The 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, unless specified in the text.

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