

# SAFETY DATA SHEET

according to the OSHA Hazard Communication Standard



**Chemetall**  
expect more<sup>+</sup>

## Ardrox 9D4A (10 LB)



Version	Revision Date:	SDS Number:	Date of last issue:
2.0	04/15/2025	000000000050559383	02.03.2025
			Date of first issue: 25.09.2020

### SECTION 1. IDENTIFICATION

Product name : Ardrox 9D4A (10 LB)  
Product code : 000000000050559383

#### Manufacturer or supplier's details

**Company:**

Chemetall U.S., Inc.  
675 Central Avenue  
New Providence, NJ 07974 – USA  
+1 800 526-4473  
sds.na-chemetall@basf.com

Emergency telephone : CHEMTREC: 800-424-9300, +1-703-527-3887

#### Recommended use of the chemical and restrictions on use

Recommended use : Developer  
Restrictions on use : Uses other than recommended

### SECTION 2. HAZARDS IDENTIFICATION

#### GHS classification in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Not a hazardous substance or mixture.

#### GHS label elements

No hazard pictogram, no signal word, no hazard statement(s), no precautionary statement(s) required.

#### Other hazards

If applicable information is provided in this section on other hazards which do not result in classification but which may contribute to the overall hazards of the substance or mixture.



# SAFETY DATA SHEET

according to the OSHA Hazard Communication Standard



## Ardrox 9D4A (10 LB)

Version 2.0      Revision Date: 04/15/2025      SDS Number: 000000000050559383      Date of last issue: 02.03.2025  
Date of first issue: 25.09.2020

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture  
Chemical nature : inorganic salts

#### Components

Chemical name	CAS-No.	Concentration (% w/w)	Synonyms
Pentaerythritol	115-77-5	$\geq 25 - < 50$	pentaerythritol
magnesium oxide	1309-48-4	$\geq 15 - < 20$	magnesium oxide
Silica, amorphous, fumed, cryst.-free	112945-52-5	$\geq 10 - < 12.5$	Silicon, amorphous

Actual concentration or concentration range is withheld as a trade secret

### SECTION 4. FIRST AID MEASURES

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

# SAFETY DATA SHEET

according to the OSHA Hazard Communication Standard



## Ardrox 9D4A (10 LB)

Version	Revision Date:	SDS Number:	Date of last issue:
2.0	04/15/2025	0000000000505 59383	02.03.2025 Date of first issue: 25.09.2020

- 
- |   |   |
|---|---|
| If inhaled  | : If symptoms persist, call a physician.<br>If breathed in, move person into fresh air.<br>If breathing is irregular or stopped, administer artificial respiration.   |
| In case of skin contact                                     | : If symptoms persist, call a physician.<br>Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.<br>Do NOT use solvents or thinners.   |
| In case of eye contact                                      | : If symptoms persist, call a physician.<br>In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.  |
| If swallowed  | : If symptoms persist, call a physician.<br>Do NOT induce vomiting.<br>Rinse mouth.   |
| Most important symptoms and effects, both acute and delayed | : 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.<br>Dusts may cause mechanical irritation to eyes. |
| Notes to physician  | : No known specific antidote.<br>Treat symptomatically.   |

# SAFETY DATA SHEET

according to the OSHA Hazard Communication Standard



## Ardrox 9D4A (10 LB)

Version	Revision Date:	SDS Number:	Date of last issue:
2.0	04/15/2025	0000000000505 59383	02.03.2025 Date of first issue: 25.09.2020

---

### SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media : Water spray jet  
Dry powder  
Alcohol-resistant foam  
Carbon dioxide (CO<sub>2</sub>)

Unsuitable extinguishing media : High volume water jet

Specific hazards during fire fighting : Fire will produce dense black smoke containing hazardous combustion products (see section 10).

Further information : In the event of fire, cool tanks with water spray.  
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.  
Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

Special protective equipment for fire-fighters : In the event of fire, wear self-contained breathing apparatus.

# SAFETY DATA SHEET

according to the OSHA Hazard Communication Standard



## Ardrox 9D4A (10 LB)

Version	Revision Date:	SDS Number:	Date of last issue:
2.0	04/15/2025	0000000000505 59383	02.03.2025
			Date of first issue: 25.09.2020

---

### SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures : Keep away from sources of ignition.

Advice on product handling can be found in sections 7 and 8 of this safety data sheet.

For non-emergency personnel:

For emergency responders:

Use personal protective equipment.

Ensure adequate ventilation, especially in confined areas.

Avoid breathing dust.

Environmental precautions : Do not allow uncontrolled discharge of product into the environment.

Avoid subsoil penetration.

If the product contaminates rivers and lakes or drains inform respective authorities.

# SAFETY DATA SHEET

according to the OSHA Hazard Communication Standard



## Ardrox 9D4A (10 LB)

Version	Revision Date:	SDS Number:	Date of last issue:
2.0	04/15/2025	0000000000505 59383	02.03.2025 Date of first issue: 25.09.2020

---

Methods and materials for : Avoid dust formation.  
containment and cleaning  
up

Contain and collect mechanically and dispose of in  
accordance with local regulations.

Ensure adequate ventilation.

---

### SECTION 7. HANDLING AND STORAGE

Advice on protection : Avoid all sources of ignition: heat, sparks, open flame.  
against fire and explosion

The relevant fire protection measures should be noted.

Avoid dust formation.

Advice on safe handling : Provide good ventilation of working area (local exhaust  
ventilation if necessary).

Do not return residues to the storage containers.

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.

# SAFETY DATA SHEET

according to the OSHA Hazard Communication Standard



## Ardrox 9D4A (10 LB)

Version	Revision Date:	SDS Number:	Date of last issue:
2.0	04/15/2025	0000000000505 59383	02.03.2025
			Date of first issue: 25.09.2020

---

Further information on storage conditions	:	Protect from moisture.
	:	Avoid creating dust.
	:	Keep away from heat.
	:	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.
	:	Protect from moisture.
	:	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.
Recommended storage temperature	:	41 - 104 °F / 5 - 40 °C
Storage period	:	60 Months

# SAFETY DATA SHEET

according to the OSHA Hazard Communication Standard



## Ardrox 9D4A (10 LB)

Version 2.0      Revision Date: 04/15/2025      SDS Number: 000000000050559383      Date of last issue: 02.03.2025  
Date of first issue: 25.09.2020

Packaging material : Suitable material: Paper/Fibreboard, High density polyethylene (HDPE), Low density polyethylene (LDPE), Polyethylenetherephtalate (PET), Polypropylene, 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
Pentaerythritol	115-77-5	TWA	10 mg/m <sup>3</sup>	ACGIH
		TWA (Respirable)	5 mg/m <sup>3</sup>	NIOSH REL
		TWA (total)	10 mg/m <sup>3</sup>	NIOSH REL
		TWA (total dust)	15 mg/m <sup>3</sup>	OSHA Z-1
		TWA (respirable fraction)	5 mg/m <sup>3</sup>	OSHA Z-1
		TWA (Total dust)	10 mg/m <sup>3</sup>	OSHA P0
		TWA (respirable dust fraction)	5 mg/m <sup>3</sup>	OSHA P0
magnesium oxide	1309-48-4	TWA (Inhalable particulate)	10 mg/m <sup>3</sup>	ACGIH





# SAFETY DATA SHEET

according to the OSHA Hazard Communication Standard



We create chemistry

**Chemetall**  
expect more<sup>+</sup>

## Ardrox 9D4A (10 LB)

Version 2.0      Revision Date: 04/15/2025      SDS Number: 000000000050559383      Date of last issue: 02.03.2025  
Date of first issue: 25.09.2020

		matter)		
		TWA (fume, total particulate)	15 mg/m3	OSHA Z-1
		TWA (Fume - total particulate)	10 mg/m3	OSHA P0
Silica, amorphous, fumed, cryst.-free	112945-52-5	TWA (Dust)	20 Million particles per cubic foot (Silica)	OSHA Z-3
		TWA (Dust)	80 mg/m3 / %SiO2 (Silica)	OSHA Z-3
		TWA	6 mg/m3 (Silica)	NIOSH REL
Pentaerythritol	115-77-5	TWA	10 mg/m3	ACGIH
		TWA (Respirable)	5 mg/m3	NIOSH REL
		TWA (total)	10 mg/m3	NIOSH REL
		TWA (total dust)	15 mg/m3	OSHA Z-1
		TWA (respirable fraction)	5 mg/m3	OSHA Z-1
		TWA (Total	10 mg/m3	OSHA P0



# SAFETY DATA SHEET

according to the OSHA Hazard Communication Standard



## Ardrox 9D4A (10 LB)

Version 2.0      Revision Date: 04/15/2025      SDS Number: 000000000050559383      Date of last issue: 02.03.2025  
Date of first issue: 25.09.2020

		dust)		
		TWA (respirable dust fraction)	5 mg/m3	OSHA P0
magnesium oxide	1309-48-4	TWA (Inhalable particulate matter)	10 mg/m3	ACGIH
		TWA (fume, total particulate)	15 mg/m3	OSHA Z-1
		TWA (Fume - total particulate)	10 mg/m3	OSHA P0
Silica, amorphous, fumed, cryst.-free	112945-52-5	TWA (Dust)	20 Million particles per cubic foot (Silica)	OSHA Z-3
		TWA (Dust)	80 mg/m3 / %SiO2 (Silica)	OSHA Z-3
		TWA	6 mg/m3 (Silica)	NIOSH REL

**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.



# SAFETY DATA SHEET

according to the OSHA Hazard Communication Standard



## Ardrox 9D4A (10 LB)

Version	Revision Date:	SDS Number:	Date of last issue:
2.0	04/15/2025	0000000000505 59383	02.03.2025 Date of first issue: 25.09.2020

Filter type : Particulates 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. chloroprene rubber (CR) - 0.5 mm coating thickness nitrile rubber (NBR) - 0.4 mm coating thickness butyl rubber gloves - material thickness: 0.5 mm 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 : Safety glasses with side-shields conforming to EN166

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.

Avoid breathing dust.

Hygiene measures : Remove contaminated clothing immediately and dispose of safely.

# SAFETY DATA SHEET

according to the OSHA Hazard Communication  
Standard



## Ardrox 9D4A (10 LB)

Version	Revision Date:	SDS Number:	Date of last issue:
2.0	04/15/2025	0000000000505 59383	02.03.2025
			Date of first issue: 25.09.2020

Wash hands before breaks and at the end of workday.

Keep away from food, drink and animal feedingstuffs.

### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: solid
Color	: white
Odor	: odorless
Odor Threshold	: No data available
pH	: substance/mixture is non-soluble (in water)
Melting point/ range	: not determined
Boiling point/boiling range	: Study technically not feasible.
Flash point	: Not applicable
Evaporation rate	: No data available
Flammability (solid, gas)	: Will not burn



# SAFETY DATA SHEET

according to the OSHA Hazard Communication Standard



## Ardrox 9D4A (10 LB)

Version	Revision Date:	SDS Number:	Date of last issue:
2.0	04/15/2025	0000000000505 59383	02.03.2025 Date of first issue: 25.09.2020

Upper explosion limit / Upper flammability limit : No data available

Lower explosion limit / Lower flammability limit : not determined

Vapor pressure : not determined (68 °F / 20 °C)  
not determined (122 °F / 50 °C)  
The product is a non-volatile solid.

Relative vapor density : The product is a non-volatile solid.

Relative density : No data available

Density : 0.110 g/cm<sup>3</sup> (68 °F / 20 °C)

Solubility(ies)  
Water solubility : not determined

Solubility in other solvents : No data available

Partition coefficient: n-octanol/water : not applicable for mixtures

Autoignition temperature : > 392.00 °F / > 200.00 °C

Decomposition temperature : No decomposition if stored and handled as prescribed/indicated.

# SAFETY DATA SHEET

according to the OSHA Hazard Communication Standard



## Ardrox 9D4A (10 LB)

Version	Revision Date:	SDS Number:	Date of last issue:
2.0	04/15/2025	0000000000505 59383	02.03.2025 Date of first issue: 25.09.2020

---

Viscosity	:	
Viscosity, dynamic	:	No data available
Viscosity, kinematic	:	not determined (73 °F / 23 °C) not determined (104 °F / 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 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	:	Dust can form an explosive mixture in air.
Conditions to avoid	:	Avoid direct sunlight. Avoid dust formation. Heat.

# SAFETY DATA SHEET

according to the OSHA Hazard Communication Standard



## Ardrox 9D4A (10 LB)

Version	Revision Date:	SDS Number:	Date of last issue:
2.0	04/15/2025	0000000000505 59383	02.03.2025 Date of first issue: 25.09.2020

Incompatible materials : Keep away from oxidizing agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.

Hazardous decomposition : No decomposition if stored and applied as directed.  
products

### SECTION 11. TOXICOLOGICAL INFORMATION

#### Acute toxicity

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

#### Skin corrosion/irritation

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

#### Serious eye damage/eye irritation

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

#### 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.

#### Germ cell mutagenicity

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

#### Carcinogenicity

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

**IARC** No ingredient of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

**OSHA** No component of this product present at levels greater than or equal to

# SAFETY DATA SHEET

according to the OSHA Hazard Communication Standard



## Ardrox 9D4A (10 LB)

Version	Revision Date:	SDS Number:	Date of last issue:
2.0	04/15/2025	0000000000505 59383	02.03.2025 Date of first issue: 25.09.2020

0.1% is on OSHA's list of regulated carcinogens.

**NTP** No ingredient of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

### Reproductive toxicity

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

### STOT-single exposure

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

### STOT-repeated exposure

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

### 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

No data available

### Mobility in soil

No data available

## SECTION 13. DISPOSAL CONSIDERATIONS

### Disposal methods

Waste from residues : Do not discharge into drains/surface waters/groundwater.



# SAFETY DATA SHEET

according to the OSHA Hazard Communication Standard



## Ardrox 9D4A (10 LB)

Version	Revision Date:	SDS Number:	Date of last issue:
2.0	04/15/2025	0000000000505 59383	02.03.2025 Date of first issue: 25.09.2020

---

Observe national and local legal requirements.

Contaminated packaging : Containers which are not properly emptied must be disposed pursuant to Directive 2008/98/EC

Packaging that is not properly emptied must be disposed of as the unused product.

---

### SECTION 14. TRANSPORT INFORMATION

#### International Regulations

##### UNRTDG

Not regulated as a dangerous good

##### IATA-DGR

Not regulated as a dangerous good

##### IMDG-Code

Not regulated as a dangerous good

#### Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

#### Domestic regulation

##### 49 CFR

Not regulated as a dangerous good

#### Special precautions for user

Remarks : Not classified as dangerous in the meaning of transport regulations.

---

### SECTION 15. REGULATORY INFORMATION



# SAFETY DATA SHEET

according to the OSHA Hazard Communication Standard



We create chemistry

**Chemetall**  
expect more<sup>+</sup>

## Ardrox 9D4A (10 LB)



Version	Revision Date:	SDS Number:	Date of last issue:
2.0	04/15/2025	0000000000505 59383	02.03.2025
			Date of first issue: 25.09.2020

---

**SARA 311/312 Hazards** : No SARA Hazards

**SARA 313** : This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

### US State Regulations

#### Pennsylvania Right To Know

Pentaerythritol	115-77-5
magnesium oxide	1309-48-4

#### New Jersey Right To Know

Pentaerythritol	115-77-5
magnesium oxide	1309-48-4

### The ingredients of this product are reported in the following inventories:

TSCA : All substances listed as active on the TSCA inventory

### TSCA list

No substances are subject to a Significant New Use Rule.

No substances are subject to TSCA 12(b) export notification requirements.



# SAFETY DATA SHEET

according to the OSHA Hazard Communication Standard



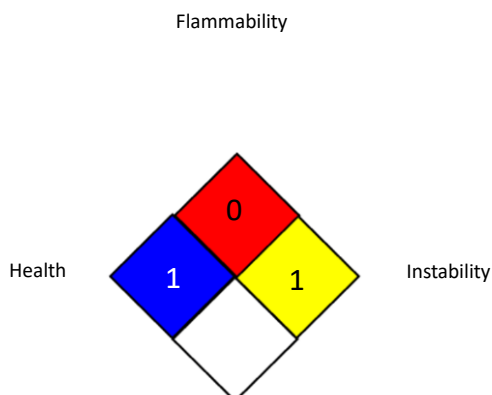
## Ardrox 9D4A (10 LB)

Version 2.0      Revision Date: 04/15/2025      SDS Number: 000000000050559383      Date of last issue: 02.03.2025  
Date of first issue: 25.09.2020

### SECTION 16. OTHER INFORMATION

#### Further information

##### NFPA 704:



##### HMIS® IV:

HEALTH	/	1
FLAMMABILITY		0
PHYSICAL HAZARD		1

HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. The "\*" represents a chronic hazard, while the "/" represents the absence of a chronic hazard.

AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DOT - Department of Transportation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; EHS - Extremely Hazardous Substance; ELx - Loading rate associated with x% response; EmS - Emergency

# SAFETY DATA SHEET

according to the OSHA Hazard Communication  
Standard



## Ardrox 9D4A (10 LB)

Version	Revision Date:	SDS Number:	Date of last issue:
2.0	04/15/2025	0000000000505 59383	02.03.2025 Date of first issue: 25.09.2020

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; HMIS - Hazardous Materials Identification System; 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 Organisation 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; MSHA - Mine Safety and Health Administration; n.o.s. - Not Otherwise Specified; NFPA - National Fire Protection Association; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; 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; RCRA - Resource Conservation and Recovery Act; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RQ - Reportable Quantity; SADT - Self-Accelerating Decomposition Temperature; SARA - Superfund Amendments and Reauthorization Act; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; 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

For multi-pack systems observe material safety data sheets of all components.  
Restricted to professional users.

Revision Date : 04/15/2025

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

# SAFETY DATA SHEET

according to the OSHA Hazard Communication  
Standard



**Chemetall**  
*expect more* <sup>+</sup>

## Ardrox 9D4A (10 LB)

Version	Revision Date:	SDS Number:	Date of last issue:
2.0	04/15/2025	0000000000505 59383	02.03.2025
			Date of first issue: 25.09.2020

---

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.

US / EN

