



Safety Data Sheet according to (EC) No 1907/2006

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SDS No. : 333568
V005.1

BONDERITE M-NT 1455 known as Bonderite 1455

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SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

BONDERITE M-NT 1455 known as Bonderite 1455

1.2. Relevant identified uses of the substance or mixture and uses advised against

Intended use:

Coating

1.3. Details of the supplier of the safety data sheet

Henkel Ltd
Adhesives
Wood Lane End
HP2 4RQ Hemel Hempstead

Great Britain

Phone: +44 (1442) 278000

Fax-no.: +44 (1442) 278071

ua-productsafety.uk@uk.henkel.com

1.4. Emergency telephone number

24 Hours Emergency Tel: +44 (0)1442 278497

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (CLP):

Skin irritation	Category 2
H315 Causes skin irritation.	
Serious eye irritation	Category 2
H319 Causes serious eye irritation.	
Corrosive to metals	Category 1
H290 May be corrosive to metals.	

2.2. Label elements

Label elements (CLP):

Hazard pictogram:



Signal word:

Warning

Hazard statement:	H290 May be corrosive to metals. H315 Causes skin irritation. H319 Causes serious eye irritation.
Supplemental information	Contains Formaldehyde. May produce an allergic reaction.
Precautionary statement: Prevention	P280 Wear protective gloves/eye protection.

2.3. Other hazards
None if used properly.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Base substances of preparation:
polymers
inorganic acids
glycol derivatives

Declaration of the ingredients according to CLP (EC) No 1272/2008:

Hazardous components CAS-No.	EC Number REACH-Reg No.	content	Classification
dihydrogen hexafluorotitanate(2-) 17439-11-1	241-460-4 01-2119978266-24	1- < 5 %	Acute Tox. 3; Oral H301 Acute Tox. 3; Dermal H311 Skin Corr. 1B H314 Acute Tox. 3; Inhalation H331 Met. Corr. 1 H290
1-Propoxypropan-2-ol 1569-01-3	216-372-4 01-2119474443-37	5- < 10 %	Flam. Liq. 3 H226 Eye Irrit. 2 H319
Phosphoric acid 7664-38-2	231-633-2 01-2119485924-24	1- < 5 %	Met. Corr. 1 H290 Skin Corr. 1B H314
Methanol 67-56-1	200-659-6 01-2119433307-44	0,1- < 1 %	Flam. Liq. 2 H225 STOT SE 1 H370 Acute Tox. 3; Inhalation H331 Acute Tox. 3; Dermal H311 Acute Tox. 3; Oral H301
Formaldehyde 50-00-0	200-001-8 01-2119488953-20	0,02- < 0,2 %	Carc. 1B H350 Muta. 2 H341 Acute Tox. 3; Dermal H311 Acute Tox. 3; Inhalation H331 Acute Tox. 3; Oral H301 Skin Corr. 1B H314 Skin Sens. 1 H317

For full text of the H - statements and other abbreviations see section 16 "Other information".
Substances without classification may have community workplace exposure limits available.

SECTION 4: First aid measures**4.1. Description of first aid measures****Inhalation:**

Move to fresh air, consult doctor if complaint persists.

Skin contact:

IF ON SKIN: Wash with plenty of soap and water.

In case of adverse health effects seek medical advice.

Eye contact:

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

In case of adverse health effects seek medical advice.

Ingestion:

Rinse mouth, drink 1-2 glasses of water, do not induce vomiting, consult a doctor.

4.2. Most important symptoms and effects, both acute and delayed

EYE: Irritation, conjunctivitis.

SKIN: Redness, inflammation.

4.3. Indication of any immediate medical attention and special treatment needed

See section: Description of first aid measures

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:

All common extinguishing agents are suitable.

Extinguishing media which must not be used for safety reasons:

None known

5.2. Special hazards arising from the substance or mixture

Formation of toxic gases is possible during heating or in fires.

5.3. Advice for firefighters

Wear self-contained breathing apparatus.

Additional information:

Cool endangered containers with water spray jet.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid skin and eye contact.

6.2. Environmental precautions

Do not empty into drains / surface water / ground water.

6.3. Methods and material for containment and cleaning up

Take up with liquid-absorbing material (sand).

Wash away residue with plenty of water.

Dispose of contaminated material as waste according to Section 13.

6.4. Reference to other sections

See advice in section 8

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid skin and eye contact.

Ensure that workrooms are adequately ventilated.

See advice in section 8

Hygiene measures:

Wash hands before work breaks and after finishing work.

Do not eat, drink or smoke while working.

Take off contaminated clothing and wash before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Store in sealed original container.

Temperatures between + 5 °C and + 35 °C

Store frost-free.

Keep only in original container.

7.3. Specific end use(s)

Coating

SECTION 8: Exposure controls/personal protection**8.1. Control parameters****Occupational Exposure Limits**Valid for
Great Britain

Ingredient [Regulated substance]	ppm	mg/m ³	Value type	Short term exposure limit category / Remarks	Regulatory list
Manganese orthophosphate 10124-54-6 [MANGANESE AND ITS INORGANIC COMPOUNDS (AS MN)]		0,5	Time Weighted Average (TWA):		EH40 WEL
Dihydrogen hexafluorotitanate(2-) 17439-11-1 [FLUORIDE (INORGANIC, AS F)]		2,5	Time Weighted Average (TWA):		EH40 WEL
Dihydrogen hexafluorotitanate(2-) 17439-11-1 [FLUORIDES, INORGANIC]		2,5	Time Weighted Average (TWA):	Indicative	ECLTV
Orthophosphoric acid 7664-38-2 [ORTHOPHOSPHORIC ACID]		1	Time Weighted Average (TWA):		EH40 WEL
Orthophosphoric acid 7664-38-2 [ORTHOPHOSPHORIC ACID]		2	Short Term Exposure Limit (STEL):		EH40 WEL
Orthophosphoric acid 7664-38-2 [ORTHOPHOSPHORIC ACID]		2	Short Term Exposure Limit (STEL):	Indicative	ECLTV
Orthophosphoric acid 7664-38-2 [ORTHOPHOSPHORIC ACID]		1	Time Weighted Average (TWA):	Indicative	ECLTV
Methanol 67-56-1 [METHANOL]	250	333	Short Term Exposure Limit (STEL):		EH40 WEL
Methanol 67-56-1 [METHANOL]			Skin designation:	Can be absorbed through the skin.	EH40 WEL
Methanol 67-56-1 [METHANOL]	200	266	Time Weighted Average (TWA):		EH40 WEL
Methanol 67-56-1 [METHANOL]	200	260	Time Weighted Average (TWA):	Indicative	ECLTV

Predicted No-Effect Concentration (PNEC):

Name on list	Environmental Compartment	Exposure period	Value				Remarks
			mg/l	ppm	mg/kg	others	
Methanol 67-56-1	aqua (freshwater)					20,8 mg/L	
Methanol 67-56-1	sediment (freshwater)				77 mg/kg		
Methanol 67-56-1	aqua (marine water)					2,08 mg/L	
Methanol 67-56-1	soil				3,18 mg/kg		
Methanol 67-56-1	STP					100 mg/L	
Methanol 67-56-1	aqua (intermittent releases)					1540 mg/L	
Methanol 67-56-1	sediment (marine water)				7,7 mg/kg		

Derived No-Effect Level (DNEL):

Name on list	Application Area	Route of Exposure	Health Effect	Exposure Time	Value	Remarks
Orthophosphoric acid 7664-38-2	Workers	Inhalation	Long term exposure - local effects		1 mg/m ³	
Orthophosphoric acid 7664-38-2	general population	Inhalation	Long term exposure - local effects		0,73 mg/m ³	
Orthophosphoric acid 7664-38-2	Workers	Inhalation	Acute/short term exposure - systemic effects		2 mg/m ³	
Methanol 67-56-1	Workers	Dermal	Acute/short term exposure - systemic effects		40 mg/kg bw/day	
Methanol 67-56-1	Workers	Inhalation	Acute/short term exposure - systemic effects		260 mg/m ³	
Methanol 67-56-1	Workers	Inhalation	Acute/short term exposure - local effects		260 mg/m ³	
Methanol 67-56-1	Workers	Dermal	Long term exposure - systemic effects		40 mg/kg bw/day	
Methanol 67-56-1	Workers	Inhalation	Long term exposure - systemic effects		260 mg/m ³	
Methanol 67-56-1	Workers	Inhalation	Long term exposure - local effects		260 mg/m ³	
Methanol 67-56-1	general population	Dermal	Acute/short term exposure - systemic effects		8 mg/kg bw/day	
Methanol 67-56-1	general population	Inhalation	Acute/short term exposure - systemic effects		50 mg/m ³	
Methanol 67-56-1	general population	oral	Acute/short term exposure - systemic effects		8 mg/kg bw/day	
Methanol 67-56-1	general population	Inhalation	Acute/short term exposure - local effects		50 mg/m ³	
Methanol 67-56-1	general population	Dermal	Long term exposure - systemic effects		8 mg/kg bw/day	
Methanol 67-56-1	general population	Inhalation	Long term exposure - systemic effects		50 mg/m ³	
Methanol 67-56-1	general population	oral	Long term exposure - systemic effects		8 mg/kg bw/day	
Methanol 67-56-1	general population	Inhalation	Long term exposure - local effects		50 mg/m ³	

Biological Exposure Indices:

None

8.2. Exposure controls:

Engineering controls:

Ensure good ventilation/suction at the workplace.

Respiratory protection:

In case of aerosol formation, we recommend wearing of appropriate respiratory protection equipment with ABEK P2 filter. This recommendation should be matched to local conditions.

Hand protection:

Chemical-resistant protective gloves (EN 374). Suitable materials for short-term contact or splashes (recommended: at least protection index 2, corresponding to > 30 minutes permeation time as per EN 374): Polychloroprene (CR; ≥ 1 mm thickness) or natural rubber (NR; ≥ 1 mm thickness) Suitable materials for longer, direct contact (recommended: protection index 6, corresponding to > 480 minutes permeation time as per EN 374): Polychloroprene (CR; ≥ 1 mm thickness) or natural rubber (NR; ≥ 1 mm thickness) This information is based on literature references and on information provided by glove manufacturers, or is derived by analogy with similar substances. Please note that in practice the working life of chemical-resistant protective gloves may be considerably shorter than the permeation time determined in accordance with EN 374 as a result of the many influencing factors (e.g. temperature). If signs of wear and tear are noticed then the gloves should be replaced.

Eye protection:

Protective goggles

Skin protection:

Suitable protective clothing

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Appearance	liquid liquid brownish
Odor	mild
Odour threshold	No data available / Not applicable
pH ()	< 2
Initial boiling point	> 93,3 °C (> 199.9 °F)
Flash point	> 63,3 °C (> 145.94 °F); Tagliabue closed cup
Decomposition temperature	No data available / Not applicable
Vapour pressure	Not determined
Density (20 °C (68 °F))	1,05 - 1,15 g/cm ³
Bulk density	No data available / Not applicable
Viscosity	No data available / Not applicable
Viscosity (kinematic)	No data available / Not applicable
Explosive properties	No data available / Not applicable
Solubility (qualitative) (20 °C (68 °F); Solvent: Water)	fully miscible
Solidification temperature	No data available / Not applicable
Melting point	No data available / Not applicable
Flammability	No data available / Not applicable
Auto-ignition temperature	No data available / Not applicable
Explosive limits	No data available / Not applicable
Partition coefficient: n-octanol/water	No data available / Not applicable
Evaporation rate	No data available / Not applicable
Vapor density	No data available / Not applicable
Oxidising properties	No data available / Not applicable

9.2. Other information

No data available / Not applicable

SECTION 10: Stability and reactivity**10.1. Reactivity**

Reacts with alkalis: Heat generated.

10.2. Chemical stability

Stable under recommended storage conditions.

10.3. Possibility of hazardous reactions

See section reactivity

10.4. Conditions to avoid

No decomposition if used according to specifications.

10.5. Incompatible materials

See section reactivity

10.6. Hazardous decomposition products

None if used for intended purpose.

In case of fire toxic gases can be released.

SECTION 11: Toxicological information**11.1. Information on toxicological effects****General toxicological information:**

The mixture is classified based on the available hazard information for the ingredients as defined in the classification criteria for mixtures for each hazard class or differentiation in Annex I to Regulation 1272/2008/EC. Relevant available health/ecological information for the substances listed under Section 3 is provided in the following.

The classification is based on an expert judgement with regard to existing specifications of the substances, the base/acid reserve and from In Vitro experiments.(if applicable: for similar formulations)

Skin irritation:

Causes skin irritation.

Eye irritation:

Causes serious eye irritation.

Sensitizing:

May cause allergic reaction.

Acute oral toxicity:

Hazardous components CAS-No.	Value type	Value	Route of application	Exposure time	Species	Method
Phosphoric acid 7664-38-2	LD50	2.600 mg/kg	oral		rat	OECD Guideline 423 (Acute Oral toxicity)
Methanol 67-56-1	Acute toxicity estimate (ATE)	100 mg/kg	oral			Expert judgement
Formaldehyde 50-00-0	Acute toxicity estimate (ATE)	100 mg/kg	oral			Expert judgement
Formaldehyde 50-00-0	LD50	800 mg/kg			rat	

Acute inhalative toxicity:

Hazardous components CAS-No.	Value type	Value	Route of application	Exposure time	Species	Method
Phosphoric acid 7664-38-2	Acute toxicity estimate (ATE)	5,1 mg/l	Aerosol			Expert judgement
Methanol 67-56-1	Acute toxicity estimate (ATE)	3 mg/l	Vapour			Expert judgement

Acute dermal toxicity:

Hazardous components CAS-No.	Value type	Value	Route of application	Exposure time	Species	Method
Formaldehyde 50-00-0	LD50	270 mg/kg	dermal		rabbit	

Skin corrosion/irritation:

Hazardous components CAS-No.	Result	Exposure time	Species	Method
Phosphoric acid 7664-38-2	corrosive	24 h	rabbit	
Methanol 67-56-1	not irritating		rabbit	BASF Test

Serious eye damage/irritation:

Hazardous components CAS-No.	Result	Exposure time	Species	Method
1-Propoxypropan-2-ol 1569-01-3	irritating		rabbit	OECD Guideline 405 (Acute Eye Irritation / Corrosion)
Methanol 67-56-1	not irritating		rabbit	BASF Test

Respiratory or skin sensitization:

Hazardous components CAS-No.	Result	Test type	Species	Method
Phosphoric acid 7664-38-2	not sensitising	no data	human	
Methanol 67-56-1	not sensitising	Guinea pig maximisation test	guinea pig	Magnusson and Kligman Method

Germ cell mutagenicity:

Hazardous components CAS-No.	Result	Type of study / Route of administration	Metabolic activation / Exposure time	Species	Method
Phosphoric acid 7664-38-2	negative	bacterial reverse mutation assay (e.g Ames test)	with and without		OECD Guideline 471 (Bacterial Reverse Mutation Assay)
Formaldehyde 50-00-0	negative	bacterial reverse mutation assay (e.g Ames test)	with and without		
	negative	bacterial reverse mutation assay (e.g Ames test)	without		Ames Test

Reproductive toxicity:

Hazardous substances CAS-No.	Result / Classification	Species	Exposure time	Species	Method
Phosphoric acid 7664-38-2	NOAEL F1 = >= 500 mg/kg	one- generation study oral: gavage		rat	OECD Combined Repeated Dose and Reproductive / Developmental Toxicity Screening Test (Precursor Protocol of GL 422)

Repeated dose toxicity

Hazardous components CAS-No.	Result	Route of application	Exposure time / Frequency of treatment	Species	Method
Phosphoric acid 7664-38-2	NOAEL=250 mg/kg	oral: gavage	6 w daily	rat	OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test)
Methanol 67-56-1	NOAEL=6,63 mg/l	inhalation	4 weeks 6 h/d, 5 d/w	rat	

SECTION 12: Ecological information

General ecological information:

The mixture is classified based on the available hazard information for the ingredients as defined in the classification criteria for mixtures for each hazard class or differentiation in Annex I to Regulation 1272/2008/EC. Relevant available health/ecological information for the substances listed under Section 3 is provided in the following.

Do not empty into drains / surface water / ground water.

Other adverse effects:

If acidic or alkaline products are discharged into wastewater installations care must be taken that the discharged wastewater has a pH in the range pH 6 - 10, as pH variations could cause disorders in wastewater channels and biological sewage treatment plants. The local discharge regulations take precedence.

waste water: harmful effect due to low pH-value and toxic fluoride component.

12.1. Toxicity

Hazardous components CAS-No.	Value type	Value	Acute Toxicity Study	Exposure time	Species	Method
1-Propoxypropan-2-ol 1569-01-3	LC50	1.732 mg/l	Fish	96 h	Brachydanio rerio (new name: Danio rerio)	ISO 7346-1 (Determination of the Acute Lethal Toxicity of Substances to a Freshwater Fish [Brachydanio rerio Hamilton- Buchanan (Teleostei, Cyprinidae)])
1-Propoxypropan-2-ol 1569-01-3	EC50	> 600 mg/l	Daphnia	24 h	Daphnia magna	
1-Propoxypropan-2-ol 1569-01-3	EC50	1.466 mg/l	Algae		Selenastrum capricornutum (new name: Pseudokirchnerella subcapitata)	OECD Guideline 201 (Alga, Growth Inhibition Test)
Phosphoric acid 7664-38-2	LC50	> 100 mg/l	Fish			OECD Guideline 203 (Fish, Acute Toxicity Test)
Phosphoric acid 7664-38-2	EC50	> 100 mg/l	Daphnia	48 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
Phosphoric acid 7664-38-2	EC50	> 100 mg/l	Algae	72 h	Desmodesmus subspicatus	OECD Guideline 201 (Alga, Growth Inhibition Test)
	NOEC	100 mg/l	Algae	72 h	Desmodesmus subspicatus	OECD Guideline 201 (Alga, Growth Inhibition Test)
Methanol 67-56-1	LC50	> 1.000 mg/l	Fish	48 h	Leuciscus idus	DIN 38412-15
	NOEC	7.900 mg/l	Fish	200 h	Oryzias latipes	OECD 210 (fish early lite stage toxicity test)
Methanol 67-56-1	EC50	> 10.000 mg/l	Daphnia	48 h	Daphnia magna	
Methanol 67-56-1	EC50	28,44 g/l	Algae		Chlorella pyrenoidosa	OECD Guideline 201 (Alga, Growth Inhibition Test)
Formaldehyde 50-00-0	LC50	6,7 mg/l	Fish	96 h	Morone saxatilis	OECD Guideline 203 (Fish, Acute Toxicity Test)
Formaldehyde 50-00-0	EC50	42 mg/l	Daphnia	24 h	Daphnia magna	
Formaldehyde 50-00-0	EC50	4,5 mg/l	Algae	48 h		OECD Guideline 201 (Alga, Growth Inhibition Test)

12.2. Persistence and degradability

Hazardous components CAS-No.	Result	Route of application	Degradability	Method
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1-Propoxypropan-2-ol 1569-01-3	readily biodegradable	aerobic	97 %	OECD Guideline 301 D (Ready Biodegradability: Closed Bottle Test)
Methanol 67-56-1	readily biodegradable	aerobic	82 - 92 %	EU Method C.4-E (Determination of the "Ready" Biodegradability Closed Bottle Test)
Formaldehyde 50-00-0	readily biodegradable	aerobic	93 - 95 %	EU Method C.4-E (Determination of the "Ready" Biodegradability Closed Bottle Test)

12.3. Bioaccumulative potential / 12.4. Mobility in soil

Hazardous components CAS-No.	LogKow	Bioconcentration factor (BCF)	Exposure time	Species	Temperature	Method
Methanol 67-56-1	-0,77					
Formaldehyde 50-00-0	0,35					

12.5. Results of PBT and vPvB assessment

Hazardous components CAS-No.	PBT/vPvB
Phosphoric acid 7664-38-2	Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria.
Methanol 67-56-1	Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria.
Formaldehyde 50-00-0	Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria.

12.6. Other adverse effects

No data available.

SECTION 13: Disposal considerations**13.1. Waste treatment methods**

Product disposal:

In consultation with the responsible local authority, must be subjected to special treatment.

Recommended cleaning agents

Clean the packaging with water.

Waste code

The valid EWC waste code numbers are source-related. The manufacturer is therefore unable to specify EWC waste codes for the articles or products used in the various sectors. The EWC codes listed are intended as a recommendation for users. We will be happy to advise you.

EWC/EAK 070608

SECTION 14: Transport information**14.1. UN number**

ADR	3264
RID	3264
ADN	3264
IMDG	3264
IATA	3264

14.2. UN proper shipping name

ADR	CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (Hexafluoro titanic acid,Phosphoric acid)
RID	CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (Hexafluoro titanic acid,Phosphoric acid)
ADN	CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (Hexafluoro titanic acid,Phosphoric acid)
IMDG	CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (Hexafluoro titanic acid,Phosphoric acid)
IATA	Corrosive liquid, acidic, inorganic, n.o.s. (Hexafluoro titanic acid,Phosphoric acid)

14.3. Transport hazard class(es)

ADR	8
RID	8
ADN	8
IMDG	8
IATA	8

14.4. Packaging group

ADR	III
RID	III
ADN	III
IMDG	III
IATA	III

14.5. Environmental hazards

ADR	not applicable
RID	not applicable
ADN	not applicable
IMDG	not applicable
IATA	not applicable

14.6. Special precautions for user

ADR	not applicable Tunnelcode: (E)
RID	not applicable
ADN	not applicable
IMDG	not applicable
IATA	not applicable

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

not applicable

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**VOC content 5,2 %
(1999/13/EC)

15.2. Chemical safety assessment

A chemical safety assessment has not been carried out.

National regulations/information (Great Britain):

Remarks

Control of Substances Hazardous to Health Regulations (COSHH), and related guidance, e.g COSHH Essentials.
EH40 Occupational Exposure Limits
Chemicals (Hazard Information & Packaging for Supply) Regulations.
The Personnel Protective Equipment at Work Regulations.
The Carriage of Dangerous Goods by Road Regulations.
The Health & Safety at Work Act 1974.
(Note: Use latest editions/amendments of above referenced documents.)

SECTION 16: Other information

The labelling of the product is indicated in Section 2. The full text of all abbreviations indicated by codes in this safety data sheet are as follows:

- H225 Highly flammable liquid and vapor.
- H226 Flammable liquid and vapor.
- H290 May be corrosive to metals.
- H301 Toxic if swallowed.
- H311 Toxic in contact with skin.
- H314 Causes severe skin burns and eye damage.
- H317 May cause an allergic skin reaction.
- H319 Causes serious eye irritation.
- H331 Toxic if inhaled.
- H341 Suspected of causing genetic defects.
- H350 May cause cancer.
- H370 Causes damage to organs.

Further information:

This information is based on our current level of knowledge and relates to the product in the state in which it is delivered. It is intended to describe our products from the point of view of safety requirements and is not intended to guarantee any particular properties.

Label elements (DPD):

Xn - Harmful



Risk phrases:

- R20/21/22 Harmful by inhalation, in contact with skin and if swallowed.
- R36/38 Irritating to eyes and skin.

Safety phrases:

- S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.
- S45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

Contains:

dihydrogen hexafluorotitanate(2-)

Relevant changes in this safety data sheet are indicated by vertical lines at the left margin in the body of this document. Corresponding text is displayed in a different color on shadowed fields.