SAFETY DATA SHEET

Authored according to (EC) No.1907/2006 and amendment (EU) 2015/830

SDS ISSUE DATE	11/04/2025	SDS REVISION	2

1.0 IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 PRODUCT IDENTIFIER

Product Form	Mixture (Paint) within a container (Valve Marker Pen)
Product Name	APTM, OX-T635802, OX-T635803 (White & Yellow)

1.2 RELEVANT IDENTIFIED USES OF THE SUBSTANCE/MIXTURE AND USES ADVISED AGAINST

1.2.1 RELEVANT IDENTIFIED USES

Use of the substance/mixture	Indelible marking of materials.

1.2.2 USES ADVISED AGAINST

Restriction on use	Not for use on skin.

1.3 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

Supplier	OX Tools UK
Company Address	102-108 Clifton Street, Shoreditch, London, EC2A 4HW, United Kingdom
Telephone	+44 20 8676 9990
Fax	None
E-mail	info.uk@oxtools.com

1.4 EMERGENCY TELEPHONE NUMBER

999

In the event of a medical enquiry involving this product, please contact your doctor or local hospital accident and emergency department.

2.0 HAZARDS IDENTIFICATION

2.1 CLASSIFICATION OF THE SUBSTANCE/MIXTURE

The product is classified as hazardous according to Regulation (EC) No. 1272/2008 (CLP)

2.2 LABEL ELEMENTS

Hazard Pictograms	
Signal Word	**WARNING!**
Hazard Statements	H226 –Flammable liquid and vapour. H336 – May cause drowsiness or dizziness. EUH066 – Repeated exposure may cause skin dryness or cracking
Precautionary Statements	P210 – Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking. P280 – Wear protective gloves/protective clothing/eye protection/face protection. P261 – Avoid breathing dust/fume/gas/mist/vapours/spray
Response Precautionary Codes	P312 – Call a POISON CENTRE/doctor/centre suitable for emergency medical advice if you feel unwell. P370+P378 – In case of fire: use extinguishing media appropriate to extinguish.
Storage Precautionary Codes	P403+P233 – Store in a well-ventilated place. Keep container tightly closed.
Disposal Precautionary Codes	P501 - Dispose of contents/container in accordance with local, regional, national Regulations.

2.3 OTHER HAZARDS

On the basis of available data, the product does not contain any PBT or vPvB in percentage ≥ than 0.1%.

3.0 COMPOSITION/INFORMATION ON INGREDIENTS

3.1 SUBSTANCES

Not applicable

3.2 MIXTURES

White Ink (LM 2395)				
Components	**% Conc.**	**CAS No.**	**EC No.**	**Classification**
N-Butyl Acetate	34-37	123-86-4	204-658-1	H226, STOT SE H336, EUH066
1-methoxy-2-propanol	7-10	107-98-2	203-539-1	H226, STOT SE H336
2-methoxy-1-methylethyl Acetate	3-5	108-65-6	203-603-9	H226, STOT SE H336
Phosphoric Acid	0-0.5	7664-38-2	231-633-2	H229 1, H314 1B, H318 1
Yellow Ink (LM 2364)				
Components	**% Conc.**	**CAS No.**	**EC No.**	**Classification**
N-Butyl Acetate	37-40	123-86-4	204-658-1	H226, STOT SE H336, EUH066
1-methoxy-2-propanol	13-16	107-98-2	203-539-1	H226, STOT SE H336
2-methoxy-1-methylethyl Acetate	7-10	108-65-6	203-603-9	H226, STOT SE H336
Phosphoric Acid	0-0.5	7664-38-2	231-633-2	H229 1, H314 1B, H318 1

4.0 FIRST AID MEASURES

4.1 DESCRIPTION OF FIRST AID MEASURES

General description: Immediately remove any clothing soiled by the product.

After inhalation: Remove to open air. In the event of breathing difficulties, get medical advice/attention immediately.

After skin contact: Remove contaminated clothing. Wash immediately with plenty of water. If irritation persists, get medical advice/attention. Wash contaminated clothing before using it again.

After eye contact: Remove contact lenses if present. Wash immediately with plenty of water for at least 15 minutes, the eyelids fully. If problem persists, seek medical advice.

After swallowing: Get medical advice/attention. Induce vomiting only if indicated by the doctor. Never give anything by mouth to an unconscious person, unless authorised by a doctor.

4.2 MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

Specific information on symptoms and effects caused by the product are unknown.

4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

No further relevant information available.

5.0 FIRE FIGHTING MEASURES

5.1 EXTINGUISHING MEDIA

Suitable Extinguishing Media Carbon dioxide, foam, chemical powder.

5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

Excess pressure may form in containers exposed to fire at a risk of explosion. Do not breathe combustion products.

5.3 ADVICE FOR FIREFIGHTERS

Protective equipment: no special measures required.

6.0 ACCIDENTAL RELEASE MEASURES

6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

Wear protective equipment. Keep unprotected persons away.

6.2 ENVIRONMENTAL PRECAUTIONS

Dilute with plenty of water.

Do not allow to enter sewers/ surface or ground water.

6.3 METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose contaminated material as waste according to section 13 Ensure adequate ventilation.

6.4 REFERENCE TO OTHER SECTIONS

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal informat

7.0 HANDLING AND STORAGE

7.1 PRECAUTIONS FOR SAFE HANDLING

For the general occupational hygienic measures refer to Section 8.

Information about fire and explosion protection:

Keep ignition sources away.

Do not eat, drink, or smoke during use.

Protect against electrostatic charges.

Remove any contaminated clothes and personal protective equipment before entering places in which people eat.

Avoid release of the product into the environment.

7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES REQUIREMENTS TO BE MET BY STOREROOMS AND RECEPTACLES

Store in a cool and well-ventilated place, keep far away from sources of heat, naked flames and sparks and other sources of ignition.

Keep containers away from any incompatible materials, see section 10 for details.

7.3 SPECIFIC END USE(S)

No further relevant information available.

8.0 EXPOSURE CONTROLS/ PERSONAL PROTECTION

8.1 APPROPRIATE ENGINEERING CONTROLS

Immediately remove all soiled and contaminated clothing Wash hands before breaks and at the end of work.

Personal protective equipment

Respiratory protection: Not required.

Protection of hands: Protective gloves

The glove material must be impermeable and resistant to the product.
No recommendation to the glove material can be given for the product.

Eye protection: Tightly sealed goggles

N-BUTYL ACETATE

Threshold Limit Value

Type	Country	TWA/8h		STEL/15min		Remarks / Observations
		mg/m3	ppm	mg/m3	ppm	
TLV	CZE	950	196,55	1200	284,4	
MAK	DEU	300	62	600	124	
VLA	ESP	724	150	965	200	
VLEP	FRA	710	150	940	200	
AK	HUN	241		723		
TGG	NLD	150				
NDS/NDSCh	POL	240		720		
NGV/KGV	SWE	500	100	700	150	
WEL	GBR	724	150	966	200	
OEL	EU	241	50	723	150	
TLV-ACGIH		713	150			

Predicted no-effect concentration - PNEC

Normal value in fresh water	0,18	mg/l
Normal value in marine water	0,018	mg/l
Normal value for fresh water sediment	0,981	mg/kg
Normal value for marine water sediment	0,0981	mg/kg
Normal value for water, intermittent release	0,36	mg/l
Normal value of STP microorganisms	35,6	mg/l
Normal value for the terrestrial compartment	0,0903	mg/kg
Normal value for the atmosphere	NPI	

Health - Derived no-effect level - DNEL / DMEL

	Effects on consumers				Effects on workers			
Route of exposure	Acute local	Acute systemic	Chronic local	Chronic systemic	Acute local	Acute systemic	Chronic local	Chronic systemic
Oral	VND	2 mg/kg bw/d	VND	2 mg/kg bw/d				
Inhalation	300 mg/m3	300 mg/m3	35,7 mg/m3	35,7 mg/m3	600 mg/m3	600 mg/m3	300 mg/m3	300 mg/m3
Skin	NPI	6 mg/kg bw/d	NPI	6 mg/kg bw/d	NPI	11 mg/kg bw/d	NPI	11 mg/kg bw/d

1-METHOXYPROPAN-2-OL

Threshold Limit Value

Type	Country	TWA/8h		STEL/15min		Remarks / Observations
		mg/m3	ppm	mg/m3	ppm	
TLV	BGR	375	100	568	150	SKIN
TLV	CZE	270	72,09	550	146,85	SKIN
AGW	DEU	370	100	740	200	
MAK	DEU	370	100	740	200	
VLA	ESP	375	100	568	150	SKIN
VLEP	FRA	188	50	375	100	SKIN
AK	HUN	375		568		SKIN
VLEP	ITA	375	100	568	150	SKIN
TGG	NLD	375		563		SKIN
NDS/NDSCh	POL	180		360		SKIN
NGV/KGV	SWE	190	50	568	150	SKIN
MV	SVN	375	100	568	150	SKIN
WEL	GBR	375	100	560	150	SKIN
OEL	EU	375	100	568	150	SKIN
TLV-ACGIH		184	50	368	100	

Predicted no-effect concentration - PNEC

Normal value in fresh water	10	mg/l
Normal value in marine water	1	mg/l
Normal value for fresh water sediment	52,3	mg/kg
Normal value for marine water sediment	5,2	mg/kg
Normal value for water, intermittent release	100	mg/l
Normal value of STP microorganisms	100	mg/l
Normal value for the terrestrial compartment	4,59	mg/kg
Normal value for the atmosphere	NPI	

Health - Derived no-effect level - DNEL / DMEL

	Effects on consumers				Effects on workers			
Route of exposure	Acute local	Acute systemic	Chronic local	Chronic systemic	Acute local	Acute systemic	Chronic local	Chronic systemic
Oral			VND	33 mg/kg bw/d				
Inhalation			NPI	43,9 mg/m3	553,5 mg/m3	553,5 mg/m3	NPI	369 mg/m3
Skin			NPI	78 mg/kg bw/d			NPI	183 mg/kg bw/d

2-METHOXY-1-METHYLETHYL ACETATE

Threshold Limit Value

Type	Country	TWA/8h		STEL/15min		Remarks / Observations
		mg/m3	ppm	mg/m3	ppm	
TLV	BGR	275		550		SKIN
TLV	CZE	270		550		SKIN
AGW	DEU	270	50	270	50	
MAK	DEU	270	50	270	50	
VLA	ESP	275	50	550	100	SKIN
VLEP	FRA	275	50	550	100	SKIN
AK	HUN	275		550		
VLEP	ITA	275	50	550	100	SKIN
TGG	NLD	550				
NDS/NDSCh	POL	260		520		
NGV/KGV	SWE	275	50	550	100	SKIN
WEL	GBR	274	50	548	100	
OEL	EU	275	50	550	100	SKIN

Predicted no-effect concentration - PNEC

Normal value in fresh water	0,635	mg/l
Normal value in marine water	0,0635	mg/l
Normal value for fresh water sediment	3,29	mg/kg
Normal value for marine water sediment	0,329	mg/kg
Normal value for water, intermittent release	6,35	mg/l
Normal value of STP microorganisms	100	mg/l
Normal value for the terrestrial compartment	0,29	mg/kg
Normal value for the atmosphere	NPI	

Health - Derived no-effect level - DNEL / DMEL

	Effects on consumers				Effects on workers			
Route of exposure	Acute local	Acute systemic	Chronic local	Chronic systemic	Acute local	Acute systemic	Chronic local	Chronic systemic
Oral		500 mg/kg bw/d	VND	36 mg/kg bw/d				
Inhalation			33 mg/m3	33 mg/m3	550 mg/m3	NPI	NPI	275 mg/m3
Skin			NPI	320 mg/kg bw/d			NPI	796 mg/kg bw/d

PHOSPHORIC ACID

Threshold Limit Value

Type	Country	TWA/8h		STEL/15min		Remarks / Observations
		mg/m3	ppm	mg/m3	ppm	
TLV	BGR	1		2		
TLV	CZE	1		2		
AGW	DEU	2		4		INHAL
MAK	DEU	2		4		INHAL
VLA	ESP	1		2		
VLEP	FRA	1	0,2	2	0,5	
AK	HUN	1		2		
VLEP	ITA	1		2		
TGG	NLD	1		2		
NDS/NDSCh	POL	1		2		
NGV/KGV	SWE	1		3		
WEL	GBR	1		2		
OEL	EU	1		2		
TLV-ACGIH		1		3		

Health - Derived no-effect level - DNEL / DMEL

	Effects on consumers				Effects on workers			
Route of exposure	Acute local	Acute systemic	Chronic local	Chronic systemic	Acute local	Acute systemic	Chronic local	Chronic systemic
Inhalation			0,73 mg/m3	VND	2 mg/m3	VND	1 mg/m3	VND

Legend:
(C) = CEILING ; INHAL = Inhalable Fraction ; RESP = Respirable Fraction ; THORA = Thoracic Fraction.
VND = hazard identified but no DNEL/PNEC available ; NEA = no exposure expected ; NPI = no hazard identified.

8.2 ENVIRONMENTAL EXPOSURE CONTROLS

As the use of adequate technical equipment must always take priority over personal protective equipment, make sure that the workplace is well aired through effective local aspiration. When choosing personal protective equipment, ask your chemical substance supplier and PPE supplier for advice.
Personal protective equipment must be CE marked, showing that it complies with applicable standards.

Hand protection:
Protect hands with category III work gloves (see standard EN 374).
The following should be considered when choosing work glove material: compatibility, degradation, failure time and permeability.
The work gloves' resistance to chemical agents should be checked before use, as it can be unpredictable. The gloves' wear time depends on the duration and type of use.
Skin Protection:
Wear category I professional long-sleeved overalls and safety footwear (see Regulation 2016/425 and standard EN ISO 20344). Wash body with soap and water after removing protective clothing.
Consider the appropriateness of providing antistatic clothing in the case of working environments in which there is a risk of explosion.
Eye Protection:
Wear airtight protective goggles (see standard EN 166).
If the threshold value (e.g., TLV-TWA) is exceeded for the substance or one of the substances present in the product, use a mask with a type A filter whose class (1, 2 or 3) must be chosen according to the limit of use concentration. (See standard EN 14387). In the presence of gases or vapours of various kinds and/or gases or vapours containing particulate (aerosol sprays, fumes, mists, etc.) combined filters are required.
Respiratory Protection:
Respiratory protection devices must be used if the technical measures adopted are not suitable for restricting the worker's exposure to the threshold values considered. The protection provided by masks is in any case limited.
If the substance considered is odourless or its olfactory threshold is higher than the corresponding TLV-TWA and in the case of an emergency, wear open-circuit compressed air breathing apparatus (in compliance with standard EN 137) or external air-intake breathing apparatus (in compliance with standard EN 138). For a correct choice of respiratory protection device, see standard EN 529.

9.0 PHYSICAL AND CHEMICAL PROPERTIES

9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

Properties		Value		Value
Appearance		liquid		liquid
Colour		white		yellow
Odour		characteristic of solvent		characteristic of solvent
Odour threshold		Not determined		Not determined
pH		Not applicable		Not applicable
Melting point / freezing point		Not determined		Not determined
Initial boiling point		Not determined		Not determined
Boiling range		Not determined		Not determined
Flash point	>	23 °C	>	23 °C
Evaporation Rate		Not determined		Not determined
Flammability of solids and gases		Not available		Not available
Lower inflammability limit		Not determined		Not determined
Upper inflammability limit		Not determined		Not determined
Lower explosive limit		Not determined		Not determined
Upper explosive limit		Not determined		Not determined
Vapour pressure		Not determined		Not determined
Vapour density		Not determined		Not determined
Relative density		1,250 +/- 0,100 Kg/L		1,050 +/- 0,050 Kg/L
Solubility		immiscible with water		immiscible with water
Partition coefficient: n-octanol/water		Not determined		Not determined
Auto-ignition temperature		Not determined		Not determined
Decomposition temperature		Not determined		Not determined
Viscosity		Not determined		Not determined
Explosive properties		Not available		Not available
Oxidising properties		Not available		Not available

9.2 OTHER INFORMATION

VOC (Directive 2010/75/EC) :	49,48 %	-	639,16	61,17 %	- 658,28	g/litre
VOC (volatile carbon) :	29,58 %	-	382,10	36,04 %	- 387,90	g/litre

10.0 STABILITY AND REACTIVITY

10.1 REACTIVITY

There are no risks of reaction with other substances in normal conditions of use.

PHOSPHORIC ACID

PHOSPHORIC ACID: decomposes at temperatures over 200°C.

10.2 CHEMICAL STABILITY

Stable under normal conditions of use, storage and transport.

10.3 POSSIBILITY OF HAZARDOUS REACTIONS

The vapours may also form explosive mixtures with the air.

PHOSPHORIC ACID

PHOSPHORIC ACID: risk of explosion on contact with nitromethane. May react dangerously with alkalis and sodium borohydride.

10.4 CONDITIONS TO AVOID

Avoid overheating. Avoid bunching of electrostatic charges. Avoid all sources of ignition.

10.5 INCOMPATIBLE MATERIALS

PHOSPHORIC ACID

PHOSPHORIC ACID: Metals, strong alkalis, aldehydes, sulphides, and peroxides.

10.6 HAZARDOUS DECOMPOSITION PRODUCTS

In the event of thermal decomposition or fire, gases and vapours that are potentially dangerous to health may be released.

PHOSPHORIC ACID

PHOSPHORIC ACID: phosphorus oxide.

11.0 TOXICOLOGICAL INFORMATION

11.1 INFORMATION ON TOXILOGICAL EFFECTS

In the absence of experimental data for the product itself, health hazards are evaluated according to the properties of the substances it contains, using the criteria specified in the applicable regulation for classification.

It is therefore necessary to consider the concentration of the individual hazardous substances indicated in section 3, to evaluate the toxicological effects of exposure to the product.

Metabolism, toxicokinetic, mechanism of action and other information

Information not available

Information on likely routes of exposure

Information not available

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Information not available

Interactive effects

Information not available

ACUTE TOXICITY

ATE (Inhalation) of the mixture:	Not classified (no significant component)
ATE (Oral) of the mixture:	Not classified (no significant component)
ATE (Dermal) of the mixture:	Not classified (no significant component)

PHOSPHORIC ACID

LD50 (Oral) 1530 mg/kg Rat
LD50 (Dermal) 2740 mg/kg Rabbit
LC50 (Inhalation) > 0,85 mg/l/1h Rat

2-METHOXY-1-METHYLETHYL ACETATE

LD50 (Oral) > 5000 mg/kg Rat (Fischer 344) - OECD Guideline 401
LD50 (Dermal) > 2000 mg/kg Rat (Fischer 344) - OECD Guideline 402

N-BUTYL ACETATE

LD50 (Oral) > 10760 mg/kg Rat (Sprague-Dawley) - OECD Guideline 423
LD50 (Dermal) > 14112 mg/kg Rabbit (New Zealand White) - OECD Guideline 402
LC50 (Inhalation) > 6,6 mg/l/4h Rat (Wistar) - OECD Guideline 403

1-METHOXYPROPAN-2-OL

LD50 (Oral) 4016 mg/kg Rat (Fischer 344) - EU Method B.1
LD50 (Dermal) > 2000 mg/kg Rat (Fischer 344) - EU Method B.3
LC50 (Inhalation) < 6000 ppm/6h Mouse (B6C3F1) (female) - OECD Guideline 403

SKIN CORROSION / IRRITATION

Repeated exposure may cause skin dryness or cracking.

SERIOUS EYE DAMAGE / IRRITATION

Does not meet the classification criteria for this hazard class.

RESPIRATORY OR SKIN SENSITISATION

Does not meet the classification criteria for this hazard class.

GERM CELL MUTAGENICITY

Does not meet the classification criteria for this hazard class.

CARCINOGENICITY

Does not meet the classification criteria for this hazard class.

REPRODUCTIVE TOXICITY

Does not meet the classification criteria for this hazard class

STOT - SINGLE EXPOSURE

May cause drowsiness or dizziness.

STOT - REPEATED EXPOSURE

Does not meet the classification criteria for this hazard class.

ASPIRATION HAZARD

Does not meet the classification criteria for this hazard class.

11.2 INFORMATION ON OTHER HAZARDS

Endocrine disrupting properties

This mixture does not contain endocrine disruptors.

12.0 ECOLOGICAL INFORMATION

12.1 TOXICITY

Aquatic toxicity:

2-METHOXY-1-METHYLETHYL ACETATE

LC50 - for Fish > 100 mg/l/96h Oncorhynchus mykiss - OECD Guideline 203
EC50 - for Crustacea > 500 mg/l/48h Daphnia magna - EU Method C.2 (Acute Toxicity for Daphnia)
EC50 - for Algae / Aquatic Plants > 1000 mg/l/72h Pseudokirchnerella subcapitata - OECD Guideline 201
Chronic NOEC for Fish 47,5 mg/l Oryzias latipes - OECD Guideline 204 - Total exposure duration: 14 d
Chronic NOEC for Crustacea 100 mg/l Daphnia magna - OECD Guideline 211 - Total exposure duration: 21 d
Chronic NOEC for Algae / Aquatic Plants 1000 mg/l Pseudokirchnerella subcapitata - OECD Guideline 201 - Total duration exposure: 72h

N-BUTYL ACETATE

LC50 - for Fish 18 mg/l/96h Pimephales promelas - OECD Guideline 203
EC50 - for Crustacea 44 mg/l/48h Daphnia sp. - OECD Guideline 202
EC50 - for Algae / Aquatic Plants 397 mg/l Pseudokirchneriella subcapitata - OECD Guideline 201
Chronic NOEC for Crustacea 23,2 mg/l Daphnia magna - OECD Guideline 211 - Total exposure duration: 21d
Chronic NOEC for Algae / Aquatic Plants 196 mg/l Pseudokirchneriella subcapitata - OECD Guideline 201 - Total exposure
duration: 72 h

1-METHOXYPROPAN-2-OL

LC50 - for Fish 6812 mg/l/96h Leuciscus idus - DIN 38 412, part L15
EC50 - for Crustacea 2954 mg/l/48h Acartia tonsa - ISO TC147/SC5/WG2
EC50 - for Algae / Aquatic Plants 6745 mg/l/72h Skeletonema costatum - ISO 10253

12.2 PERSISTENCE AND DEGRADABILITY

PHOSPHORIC ACID

Solubility in water > 850000 mg/l
Degradability: information not available

2-METHOXY-1-METHYLETHYL ACETATE

Solubility in water >10000 mg/l
Rapidly degradable

N-BUTYL ACETATE

Solubility in water 1000 - 10000 mg/l
Rapidly degradable Biodegradation: 83% (28 d) - Method: OECD Guideline 301 D

1-METHOXYPROPAN-2-OL

Rapidly degradable

12.3 BIOACCUMULATIVE POTENTIAL

2-METHOXY-1-METHYLETHYL ACETATE

Partition coefficient: n-octanol/water 1,2

N-BUTYL ACETATE

Partition coefficient: n-octanol/water 2,3
BCF 15,3

12.4 MOBILITY IN SOIL

N-BUTYL ACETATE

Partition coefficient: soil/water < 3

12.5 RESULTS OF PBT AND VPVB ASSESSMENT

Based on available data, the product does not contain any PBT or vPvB in percentage ≥ than 0,1%.

12.6 OTHER ADVERSE EFFECTS

No information available.

13.0 DISPOSAL CONSIDERATIONS

13.1 WASTE TREATMENT METHODS

Recommendation:

Should not be disposed together with household waste.
Do not allow product to reach sewage system.

14.0 TRANSPORT INFORMATION

Road Derogation 4 and Rail Derogation 5 in the Carriage of dangerous goods: approved derogations and transitional provisions guidance published under Regulations 11(3) of the Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2009 (SI 2009 No 1348) permit alternative carriage provisions for the retail distribution of small quantities of dangerous goods. These allow the carriage of dangerous goods under the limited quantity (LQ) provisions or packaged according to Chapter 4.1 of ADR without their original outer packaging (e.g., drum, box, shrink- or stretch-wrapped tray) and without having to meet the marking requirements that would normally be required under ADR for single packaging's.

14.1 UN-NUMBER	
ADR, RID, ADN, IMDG, IATA	1263
14.2 UN PROPER SHIPPING NAME	
ADR, RID, ADN, IMDG, IATA	PAINT or PAINT RELATED MATERIAL
14.3 TRANSPORT HAZARD CLASS (ES)	
ADR, RID, ADN, IMDG, IATA	Not applicable - LQ
Class	Not applicable
Label	Not applicable
14.4 PACKING GROUP	Not applicable - LQ
14.5 ENVIRONMENTAL HAZARDS	Not applicable - LQ
14.6 SPECIAL PRECAUTIONS FOR USER	Not applicable - LQ
14.7 TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL 73/78 AND THE IBC CODE "MODEL REGULATION	Not applicable

15.0 REGULATORY INFORMATION

15.1 SAFETY, HEALTH & ENVIRONMENTAL REGULATIONS/LEGISLATION FOR THE SUBSTANCE/MIXTURE

The Safety Data Sheet is compiled according to the current UK requirements.

Regulation (EC)No 1272/2008
Commission of regulation 2017/542
Commission Regulation (EU) 2015/830
Regulation (EC) No 1907/2006
Regulation (EC) No 528/2012
Regulation (EU) No 1107/2009
SVHC Candidate list of REACH Regulation annex XIV Authorization
REACH Regulation Annex XVII Restriction
REACH Regulation Annex XIV Authorization List
Dangerous Goods Regulations
Recommendations on the Transport of Dangerous Goods-Model Regulations
International Maritime Dangerous Goods
Technical Instructions for the Safe Transport of Dangerous Goods

Seveso Category - Directive 2012/18/EC: P5c

Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006

Product

Point 3 – 40

Contained substance

Point 75 TITANIUM DIOXIDE Reg. no.: 01-2119489379-17-xxxx
Point 75 2-METHOXYPROPANOL
Point 75 PHOSPHORIC ACID Reg. no.: 01-2119485924-24-xxxx
Point 72 FORMALDEHYDE Reg. no.: 01-2119488953-20-xxxx

Regulation (EC) No. 2019/1148 - on the marketing and use of explosives precursors

Not applicable

Substances in Candidate List (Art. 59 REACH)

Based on available data, the product does not contain any SVHC in percentage ≥ than 0,1%.

Substances subject to authorisation (Annex XIV REACH)

None

Substances subject to exportation reporting pursuant to (EC) Reg. 649/2012:

None

Substances subject to the Rotterdam Convention:

None

Substances subject to the Stockholm Convention:

None

Healthcare controls

Workers exposed to this chemical agent must not undergo health checks, provided that available risk-assessment data prove that the risks related to the workers' health and safety are modest and that the 98/24/EC directive is respected.

15.2 CHEMICAL SAFETY ASSESSMENT

A chemical safety assessment has not been performed for the preparation/for the substances indicated in section 3

16.0 OTHER INFORMATION

DISCLAIMER: The information provided in this Safety Data Sheet (SDS) is based upon the current level of information available with us for the purpose of specifying the requirements regarding environment, health, and safety in conjunction with this product. It should not therefore be interpreted as a warranty for any specific characteristics of the product. It is the user's responsibility to take mentioned precautionary measures and ensure that this information is complete and sufficient for the use, processing, and handling of the product. This SDS was prepared by OX Tools UK; however, the information is provided without any warranty, expressed, or implied regarding its correctness. The SDS provided here relates only to this product and does not relate to its use in combination with any other product or material or in any process. The suitability of the product for any particular use needs to be investigated by the user; all risks of use, storage, handling, transportation, and disposal of the product are therefore assumed by the user. OX Tools UK or the above-named supplier, or any of its subsidiaries do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with use, storage, handling, transportation, and disposal of the product. Appropriate warnings and safe handling procedures should be provided to all handlers and users.

Text of hazard (H) indications mentioned in section 2-3 of the sheet:

Flam. Liq. 3 Flammable liquid, category 3
Met. Corr. 1 Substance or mixture corrosive to metals, category 1
Skin Corr. 1B Skin corrosion, category 1B
STOT SE 3 Specific target organ toxicity - single exposure, category 3
H226 Flammable liquid and vapour.
H290 May be corrosive to metals.
H314 Causes severe skin burns and eye damage.
H336 May cause drowsiness or dizziness.
EUH066 Repeated exposure may cause skin dryness or cracking.
LEGEND:

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- CAS NUMBER: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CE NUMBER: Identifier in ESIS (European archive of existing substances)
- CLP: EC Regulation 1272/2008
- DNEL: Derived No Effect Level

- EmS: Emergency Schedule
- GHS: Globally Harmonized System of classification and labelling of chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulation
- IC50: Immobilization Concentration 50%
- IMDG: International Maritime Code for dangerous goods
- IMO: International Maritime Organization
- INDEX NUMBER: Identifier in Annex VI of CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level
- PBT: Persistent bio accumulative and toxic as REACH Regulation
- PEC: Predicted environmental Concentration
- PEL: Predicted exposure level
- PNEC: Predicted no effect concentration
- REACH: EC Regulation 1907/2006
- RID: Regulation concerning the international transport of dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TWA STEL: Short-term exposure limit
- TWA: Time-weighted average exposure limit
- VOC: Volatile organic Compounds
- vPvB: Very Persistent and very Bio accumulative as for REACH Regulation

DATE	CHANGE	AUTHORED
11/04/2025	ADD OX NUMBERS TO PART NUMBER LIST	S ATKINS