GB

Safety Data Sheet

In accordance with Regulation (EU) no. 878/2020 and Regulation (EC) no. 1272/2008
(All references to EU regulations and directives are abbreviated into only the numeric term)

Publication date: 1.2017
Revision date: 11.2024
Version: 3.0

Mulcol® Multimastic SP

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Trade name **Mulcol® Multimastic SP**
Mulcol® Multimastic SP Super White
Fire Stopping Mastic

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

Identified uses Sealant used in passive fire protection

1.3. Details of the supplier of the safety data sheet

Company Mulcol International
Promenade 75
5401 GM Uden
The Netherlands
Telephone +31 (0)118-726140
E-mail info@mulcol.com
Website www.mulcol.com

1.4. Emergency telephone number

In case of emergency contact 24 hr Medical Emergency, NZ National Poisons Centre, 0800 764 766 (0800 POISON)

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification in accordance with (EC) no. 1272/2008

Upon assessment, this mixture is not classified as hazardous according to (EC) no. 1272/2008.

2.2. Label elements

Label information in accordance with 1272/2008

EUH 208: Contains reaction mass (3:1) of 5-chloro-2-methyl-2H-isothiazole-3-one and 2-methyl-2H-isothiazole-3-one(55965-84-9), 1,2-benzisothiazole-3(2H)-one; 1,2- benzisothiazoline-3-one(2634-33-5). May cause allergic reaction.
EUH 210: Safety data sheet available on request.

2.3. Other hazards

Not applicable

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

Note that the table shows known hazards of the ingredients in a pure form. These hazards are reduced or eliminated when mixed or diluted, see Section 16d.

Substance	CAS No. / EC No.	Classification	Concentration
Kaolin (Calcined)	1332-58-7 / 310-194-1	Not Classified	19.2 %
Titanium dioxide	13463-67-7/ 236-675-5	Not Classified	0 – 4.3 %
Ethane-1,2-diol	107-21-1 / 203-473-3	Acute Tox. 4 Oral, H302; STOT RE2 H373	0.26 %
Ammonia	7664-41-7 / 231-635-3	Skin Corr. 1B, H314.; Eye Dam. 1, H318; STOT SE3, H335;	0.13 %

Safety Data Sheet

In accordance with Regulation (EU) no. 878/2020 and Regulation (EC) no. 1272/2008
(All references to EU regulations and directives are abbreviated into only the numeric term)

Publication date: 1.2017
Revision date: 11.2024
Version: 3.0

		Aquatic Acute 1, H400, (M = 1); Aquatic Chronic 2, H411; Specific concentration limit: STOT SE3, H335: C ≥ 5 %	
1,2-benzisothiazol-3(2H)-one	2634-33-5 / 220-120-9	Eye Dam. 1, H318; Aquatic Acute 1, H400; Acute Tox. 4, H302; Skin Irrit. 2, H315; Skin Sens. 1, H317. Specific concentration limit: Skin Sens. 1; H317: C ≥ 0.05%	0.017 %
Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	55965-84-9 / 911-418-6	Acute Tox. 3, H301; Acute Tox. 2, H310; Acute Tox. 1, H330; Skin Corr. 1C, H314; Eye Dam. 1, H318; Aquatic Acute 1, H400 (M=100); Aquatic Chronic 1, H410 (M=10); Skin Sens. 1A, H317. Specific concentration limits: Skin Corr. 1B; H314: C ≥ 0.6 % Skin Irrit. 2; H315: 0.06 % ≤ C < 0.6 % Eye Irrit. 2; H319: 0.06 % ≤ C < 0.6 % Eye Dam. 1; H318: C ≥ 0.6 % Skin Sens. 1A; H317: C ≥ 0.0015 %	0.0012 %

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

IF INHALED If symptoms occur, move exposed individuals to fresh air.
IF IN EYES Rinse the eye thoroughly with water; If symptoms occur, seek medical attention.
IF ON SKIN wash the skin with water; If symptoms occur, contact a physician.
IF INGESTED Flush nose, mouth and throat with water, If symptoms occur, seek medical attention.

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

Information on symptoms are ambiguous or missing for this product.

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

Not applicable.

SECTION 5: FIRE-FIGHTING MEASURES

5.1. Extinguishing media

Recommended extinguishing agents
Extinguish with water mist, powder, carbon dioxide or alcohol resistant foam.
Unsuitable extinguishing agents
For this mixture no limitations of extinguishing agents are given.

5.2. Special hazards arising from the substance or mixture

Produces harmful gases (carbon monoxide and carbon dioxide) when burning.

5.3. Advice for fire-fighters

Stay in danger area only with self-contained breathing apparatus. Prevent skin contact by keeping a safe distance or by wearing suitable protective clothing. See section 8 for personal protective equipment.

Safety Data Sheet

In accordance with Regulation (EU) no. 878/2020 and Regulation (EC) no. 1272/2008
(All references to EU regulations and directives are abbreviated into only the numeric term)

Publication date: 1.2017
Revision date: 11.2024
Version: 3.0

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Avoid substance contact with skin and eyes. Ensure adequate ventilation. Observe emergency procedures, consult an expert. For personal protection see section 8.

6.2. Environmental precautions

Do not let product enter drains. In case of spillage in protected water, immediately contact the local authorities.

6.3. Methods and material for containment and cleaning up

Absorb the liquid with an general purpose absorbent. Collect the material for disposal.

6.4. Reference to other sections

See sections 8 and 13 for personal protective equipment and disposal considerations.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Treat the substance as potentially harmful to health.
Do not eat, drink or smoke in premises where this product is stored.
Wash hands after use.
Avoid contact with skin and eyes.

7.2. Conditions for safe storage, including any incompatibilities

Store in a cool and dry place (5-30°C). Avoid heat and frost.
Store in a well-ventilated space.
Store only in the original package.

7.3. Specific end uses

Apart from the use mentioned in section 1.2 no other specific uses are recommended.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

8.1.1. National limit values, United Kingdom

Substance	CAS No. / EC No.	Workplace exposure limit
Kaolin	1332-58-7 / 310-194-1	Respirable dust: 2 mg/m³ (TWA – 8 hr)
Titanium dioxide	13463-67-7/ 236-675-5	Inhalable dust: 10 mg/m³ (TWA – 8 hr) Respirable dust: 4 mg/m³ (TWA – 8 hr)
Ethane-1,2-diol	107-21-1 / 203-473-3	Vapour: 20 ppm (TWA – 8 hr) 52 mg/m³ (TWA – 8 hr) 40 ppm (TWA – 15 min) 104 mg/m³ (TWA – 15 min) Particulate: 10 mg/m³ (TWA – 8 hr)
Ammonia	7664-41-7 / 231-635-3	Vapour: 25 ppm (TWA – 8 hr) 18 mg/m^3 (TWA – 8 hr) 35 ppm (TWA – 15 min) 25 mg/m^3 (TWA – 15 min)
1,2-benzisothiazol-3(2H)-one	2634-33-5 / 220-120-9	-

Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	55965-84-9 / 911-418-6	-

8.2. Exposure controls
Follow EU directive 89/391 and national occupational legislation. Ensure a well-ventilated workplace.

Eyes/Face protection
Eye protection should be worn. Wear Class 2A5 goggles in line with EN 166 to prevent possible contact.

Skin protection
Wear gloves that are approved according to EN 374. Consult the manufacturer of the gloves for precise information about their chemical resistance. Pay attention to mechanical wear strength.

Material: Nitrile rubber
Minimum layer thickness: 0.11 mm
Break through time: >480 min

Material: Butyl rubber
Minimum layer thickness: 0.11 mm
Break through time: >480 min

Respiratory protection
Respiratory protection is only required if the workplace exposure limits for components (see section 8.1) are exceeded.
Required filter type: A2B2E2K2-P3

For limitation of environmental exposure, see section 12.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state	Liquid (paste)
Colour	White
Odour	Sweet, weak
Odour threshold	No data available
Melting point/freezing point	0 °C
Initial boiling point and boiling range	No data available
Flammability	Wet product is not flammable.
Upper/lower explosive limits	No data available
Flash point	No data available
Auto-ignition temperature	No data available
Decomposition temperature	Not applicable
pH	8.0 – 9.5
Kinematic viscosity	Thixotropic, 1,645,000 mm^2/s
Solubility	Partially soluble, (dispersion).
Partition coefficient: n-octanol/water	No data available
Vapour pressure	No data available
Density	1.55 – 1.61
Relative vapour density	No data available
Particle Characteristics	Not applicable

9.2. Other information
Not applicable

Safety Data Sheet

In accordance with Regulation (EU) no. 878/2020 and Regulation (EC) no. 1272/2008
(All references to EU regulations and directives are abbreviated into only the numeric term)

Publication date: 1.2017
Revision date: 11.2024
Version: 3.0

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity
The mixture contains no substances which can lead to hazardous reactions at normal use.

10.2. Chemical stability
The product is stable under normal ambient conditions, see section 7.

10.3. Possibility of hazardous reactions
Slow formation of CO_2 gas after contact with acids.

10.4. Conditions to avoid
Avoid frost or excessive heat, see section 7.

10.5. Incompatible materials
Acids

10.6. Hazardous decomposition products
No dangerous decomposition products known.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Acute toxicity
Oral: No data available
Inhalation: No data available
Dermal: No data available
Skin corrosion/irritation
No data available
Serious eye damage/eye irritation
No data available
Respiratory or skin sensitization
No data available
Remarks: product contains a skin sensitizer, but does not exceed the concentration limit as specified in (EC) no. 1272/2008.
Germ cell mutagenicity
No data available
Carcinogenicity
No data available
Reproductive toxicity
No data available
Specific target organ toxicity - single exposure
No data available
Specific target organ toxicity - repeated exposure
No data available
Aspiration hazard
No data available

11.2 Information on other hazards.
Endocrine disrupting properties:
The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100, or Commission Regulation (EU) 2018/605 and 2006/1907 at levels of >0.1%
To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Safety Data Sheet

In accordance with Regulation (EU) no. 878/2020 and Regulation (EC) no. 1272/2008
(All references to EU regulations and directives are abbreviated into only the numeric term)

Publication date: 1.2017
Revision date: 11.2024
Version: 3.0

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

No data available for the mixture.

Data of relevant components based on supplier information:

Ammonia; 7664-41-7 / 231-635-3; Concentration: 0.13%	
LC_{50} / 48 hr	101 mg/l (Daphnia magna (Water flea))
LC_{50} / 96 hr	0.89 mg/l (Oncorhynchus mykiss (rainbow trout))
EC_{50} / 18 d	2700 mg/l (Chlorella vulgaris (Fresh water algae))
LOEC / 73 d	0.022 mg/l (Oncorhynchus mykiss (rainbow trout))
NOEC / 96 hr	0.79 mg/l (Daphnia magna (Water flea))

1,2-benzisothiazol-3(2H)-one; CAS No. / EC No., 2634-33-5 / 220-120-9; Concentration: 0.017%	
EC_{50} / 72 hr	0.11 mg/l (Selenastrum capricornutum)
EC_{50} / 48 hr	3.27 mg/l (Daphnia)
LC_{50} / 96 hr	2.2 mg/l (rainbow trout)
EC_{50} / 3 hr	13 mg/l (activated sludge)
NOEC / 21 d	1.2 mg/l (Daphnia)
NOEC / 28 d	0.21 mg/l (rainbow trout)
NOEC / 72 hr	0.04 mg/l (Selenastrum capricornutum)

Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1); CAS No. / EC No., 55965-84-9 / 911-418-6; Concentration: 0.0012%	
EC_{50} / 72 hr	0.048 mg/l (Pseudokirchneriella subcapitata)
EC_{50} / 48 hr	0.1 mg/l (Daphnia) 0.0052 mg/l (Skeletonema costatum)
LC_{50} / 96 hr	0.22 mg/l (Onchorhyncus mykiss)
EC_{50} / 3 hr	7.92 mg/l (activated sludge)
NOEC / 48 hr	0.00064 mg/l (Skeletonema costatum)
NOEC / 21 d	0.004 mg/l (Daphnia)
NOEC / 28 d	0.098 mg/l (Onchorhyncus mykiss)
NOEC / 72 hr	0.0012 mg/l (Pseudokirchneriella subcapitata)

12.2. Persistence and degradability

No data available.

12.3. Bioaccumulative potential

No data available

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

No chemical safety report has been executed.

12.6. Endocrine disrupting properties

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100, or Commission Regulation (EU) 2018/605 and 2006/1907 at levels of >0.1%

12.7. Other adverse effects

No data available.

Safety Data Sheet

In accordance with Regulation (EU) no. 878/2020 and Regulation (EC) no. 1272/2008
(All references to EU regulations and directives are abbreviated into only the numeric term)

Publication date: 1.2017
Revision date: 11.2024
Version: 3.0

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Must not be disposed of with household waste. Avoid discharge into the environment, drains, sewers, surface water and soil. Dispose of safely in accordance with local/national regulations.

EWC CODE (Europe Waste Catalogue):

08 00 00 - Waste from the preparation, formulation, supply and use coatings (paint, varnish and enamels), adhesives, sealants and printing inks
08 04 00 wastes from MFSU of adhesives and sealants (including waterproofing products)
08 04 10 adhesive and sealant wastes other than those mentioned in 08 04 09

SECTION 14: TRANSPORT INFORMATION

This product is only supposed to be transported by road, railway, sea or inland waterways and the transport regulations ADR, RID, IMDG and ADN thus apply. If other means of transport are to be used, contact the publisher of this safety data sheet.

14.1. UN number

Not classified as dangerous goods.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

Not applicable.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Not applicable.

14.6. Special precautions for user

Not applicable.

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable.

SECTION 15: REGULATORY INFORMATION

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

Regulation (EU) No 528/2012 of the European Parliament and of the Council of 22 May 2012 concerning the making available on the market and use of biocidal products. This document meets the requirements set by REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006; Commission Regulation (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (Text with EEA relevance). UK HSE EH40/2005 Workplace exposure limits

15.2. Chemical safety assessment

Assessment and chemical safety report in accordance with 1907/2006 Annex I has not yet been performed.

Safety Data Sheet

In accordance with Regulation (EU) no. 878/2020 and Regulation (EC) no. 1272/2008
(All references to EU regulations and directives are abbreviated into only the numeric term)

Publication date: 1.2017
Revision date: 11.2024
Version: 3.0

SECTION 16: OTHER INFORMATION

16a. Indication of where changes have been made to the previous version of the safety data sheet

Revisions of this document

The revision resulting in version 3 made drastic changes in section 1 to 16, updating the document to be in accordance with (EU) no. 878/2020.

16b. Legend to abbreviations and acronyms used in the safety data sheet

ADN	European agreement for the international transport of dangerous cargo via inland waterways.
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road.
CAS	Chemical Abstracts Service
CO2	Carbon Dioxide
d	Day(s)
EC	European Community
EC_{50}	Half maximal effective concentration.
EWC	European Waste Catalogue.
EU	European Union
hr	Hour
IBC	Intermediate Bulk Container.
IMDG	The International Maritime Dangerous Goods (IMDG) Code.
IUCLID	International Uniform ChemicaL Information Database.
LC_{50}	Half Lethal Concentration.
min	Minute
no.	Numero sign, Number.
NOEC	No Observed Effect Concentration.
LOEC	Lowest Observed Effect Concentration
PBT	Persistence, Bioaccumulation and Toxicity.
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals.
RID	European treaty on the international transport of hazardous substances by rail.
TWA	Time Weighted Average.
UN	United Nations
vPvB	Very Persistent and Very Bioaccumulative.

16c. Key literature references and sources for data

Sources for data

Primary data for the calculation of the hazards has preferentially been taken from the official European classification list, 1272/2008 Annex I , as updated to 2015-07-01. Where such data was lacking, on the second hand the documentation on which this official classification is based was used, e.g. IUCLID (International Uniform Chemical Information Database). On the third hand, information was used from reputable international chemical suppliers, and on the fourth hand from other available information, e.g. safety data sheets from other suppliers or information from non-profit associations, whereby the reliability of the source was judged by an expert. If, in spite of this, reliable information was not found, the hazards were judged by expert opinions based on the known properties of similar substances, and according to the principles in 1907/2006 and 1272/2008.

Full texts for Regulations mentioned in this Safety Data Sheet

89/391	COUNCIL DIRECTIVE (89/391/EEC of 12 June 1989 on the introduction of measures to encourage improvements in the safety and health of workers at work
EH40/2005	EH40/2005 Workplace exposure limits Containing the list of workplace exposure limits for use with the Control of Substances Hazardous to Health Regulations 2002 (as amended) (Fourth Edition 2020).
MARPOL 73/78	The International Convention for the Prevention of Pollution from Ships, 1973 as modified by the Protocol of 1978
REACH 57f	Identification of Substances of Very High Concern (SVHC) under the 'equivalent level of concern' route (REACH Article 57(f)) – neurotoxicants and immunotoxicants as examples

Safety Data Sheet

In accordance with Regulation (EU) no. 878/2020 and Regulation (EC) no. 1272/2008
(All references to EU regulations and directives are abbreviated into only the numeric term)

Publication date: 1.2017
Revision date: 11.2024
Version: 3.0

1907/2006	REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals(REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC Annex I
1272/2008	REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006
2100/2017	COMMISSION DELEGATED REGULATION (EU) 2017/2100 of 4 September 2017 setting out scientific criteria for the determination of endocrine-disrupting properties pursuant to Regulation (EU) No 528/2012 of the European Parliament and CouncilI.
605/2018	COMMISSION REGULATION (EU) 2018/605 of 19 April 2018 amending Annex II to Regulation (EC) No 1107/2009 by setting out scientific criteria for the determination of endocrine disrupting properties
878/2020	COMMISSION REGULATION (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

16d. Methods of evaluating information referred to in 1272/2008 Article 9 which was used for the purpose of classification

The calculation of the hazards of this mixture has been performed as an evaluation by applying a weight of evidence determination using expert judgement in accordance with 1272/2008 Annex I, weighing all available information having a bearing on the determination of the hazards of the mixture, and in accordance with 1907/2006 Annex XI.

16e. List of relevant hazard statements and/or precautions

Acute Tox.	Acute toxicity followed by its category
Aqautic Chronic	Aquatic Chronic followed by its category
Aquatic Acute	Aquatic Acute followed by its category
Eye dam.	Eye damage followed by its category
Skin Corr.	Skin Corrosion followed by its category
Skin Irrit.	Skin irritation followed by its category
Skin sens.	Skin sensitation followed by its category
EUH 208	Contains reaction mass (3:1) of 5-chloro-2-methyl-2H-isothiazole-3-one and 2-methyl-2H-isothiazole-3-one(55965-84-9), 1,2-benzisothiazole-3(2H)-one; 1,2- benzisothiazoline-3-one(2634-33-5). May cause an allergic reaction.
EUH 210	Safety data sheet available on request.
H301	Toxic if swallowed
H302	Harmful if swallowed
H310	Fatal in contact with skin
H314	Causes severe skin burns and eye damage
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H330	Fatal if inhaled
H335	May cause respiratory irritation
H373	May cause damage to organs through prolonged or repeated exposure
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects
H411	Toxic to aquatic life with long lasting effects
STOT RE	Specific Target Organ Toxicity – Repeated exposure followed by its category
STOT SE	Specific Target Organ Toxicity – Single exposure followed by its category

Safety Data Sheet

In accordance with Regulation (EU) no. 878/2020 and Regulation (EC) no. 1272/2008
(All references to EU regulations and directives are abbreviated into only the numeric term)

Publication date: 1.2017
Revision date: 11.2024
Version: 3.0

16f. Advice on any training appropriate for workers to ensure protection of human health and the environment

Warning for misuse

This product is not expected to cause severe harm to humans or the environment. However the manufacturer, the distributor or the supplier cannot be responsible for unusual or criminal use of the product.

Notice to reader

The information contained in this safety data sheet is based on the present state of knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not be construed as any guarantee of the technical performance or suitability for particular applications.

The information in this safety data sheet is based on data and samples tested by Mulcol International B.V. The sheet is written to the best of our knowledge and according to the state of knowledge at that time. The safety data sheet serves as a guideline for the safe handling, use, consumption, storage, transportation, and disposal of the substances/preparations/mixtures mentioned in section 1.

New safety data sheets are periodically prepared. Only the most recent versions should be used. Unless explicitly stated otherwise on the safety data sheet, the information does not apply to substances/preparations/mixtures in pure form, mixed with other substances, or in processes.

The safety data sheet does not provide a quality specification for the substances/preparations/mixtures in question. Following the instructions in this safety data sheet does not exempt the user from the obligation to take all measures prescribed by common sense, regulations, recommendations, or those necessary and/or useful based on the actual circumstances. Mulcol International B.V. does not guarantee the accuracy or completeness of the provided information and cannot be held liable for any changes made by third parties.

This safety data sheet may only be used within the European Union, Switzerland, Iceland, Norway, United Kingdom and Liechtenstein. Any use outside this area is at your own risk. All intellectual property rights to this sheet are owned by Mulcol International B.V., and its distribution and reproduction are restricted.