

Safety Data Sheet

According to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878
According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758
Issue date: Nov 17, 2021
Revision date: May 06 2022

Trade name: PVA GLUE STICK

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

1.1. Product identifier

Product name : PVA GLUE STICK
Synonyms : 18401031-14
KLEJ W SZTYFCIE, OFFICE PRODUCTS, PVA, 10G //18401011-14
18401531-14
KLEJ W SZTYFCIE, OFFICE PRODUCTS, PVA, 15G //18401511-14
18402231-14
KLEJ W SZTYFCIE, OFFICE PRODUCTS, PVA, 22G //18402211-14
18403631-14
KLEJ W SZTYFCIE, OFFICE PRODUCTS, PVA, 36G //18403611-14
18404031-14
KLEJ W SZTYFCIE, OFFICE PRODUCTS, PVA, 40G //18404011-14
Proper shipping name : Not applicable
Other means of identification : UFI: Not applicable

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

1.2.1. Relevant identified uses

Intended for general public
Main use category : Consumer use
Use of the substance/mixture : Adhesives and sealants - household, office or school use
Function or use category : Adhesives, binding agents

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Company name :
Address :
Telephone :
Email :

1.4. Emergency telephone number

Country	Official advisory body / Company name	Address	Emergency number
Overseas	Please call the national poisons center if necessary.	-	-

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP] and GB CLP

Not classified

Adverse physicochemical, human health and environmental effects

To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice.

2.2. Label elements

Not classified as dangerous according to the criteria of Regulation (EC) No. 1272/2008 [CLP] and GB CLP

No labelling applicable

PVA GLUE STICK

Safety Data Sheet

According to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758

2.3. Other hazards

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Chemical Name / Mixture: White glue	CAS No.	EC No.	%	Classification according to regulation (EC) No. 1272/2008 [CLP] and GB CLP
Water	7732-18-5	231-791-2	76.65	Not classified
Ethanol, homopolymer	9002-89-5	618-340-9	10	Not classified
Glycerol	56-81-5	200-289-5	8.46	Not classified
Sodium stearate	822-16-2	212-490-5	4.81	Not classified
4-Chloro-3-methylphenol	59-50-7	200-431-6	0.08	Acute Tox. 4 (Oral), H302 Skin Corr. 1C, H314 Eye Dam. 1, H318 Skin Sens. 1B, H317 STOT SE 3, H335 Aquatic Acute 1, H400 (M=1) Aquatic Chronic 3, H412 (M=1)

Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general	: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing. Allow affected person to breathe fresh air. Allow the victim to rest.
First-aid measures after skin contact	: Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Wash skin with plenty of water.
First-aid measures after eye contact	: Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persists. Rinse eyes with water as a precaution.
First-aid measures after ingestion	: Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention. Call a poison center or a doctor if you feel unwell.

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

Symptoms/effects	: Not expected to present a significant hazard under anticipated conditions of normal use.
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4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	: Foam. Dry powder. Carbon dioxide. Water spray. Sand.
Unsuitable extinguishing media	: Do not use a heavy water stream.

PVA GLUE STICK

Safety Data Sheet

According to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758

5.2. Special hazards arising from the substance or mixture

- Fire hazard : No additional information available.
- Hazardous decomposition products in case of fire : Toxic fumes may be released.

5.3. Advice for firefighters

- Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment.
- Protective equipment for firefighters : Do not enter fire area without proper protective equipment, including respiratory protection. Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

- General measures : Evacuate unnecessary personnel. Evacuate area. Avoid contact with skin and eyes.
- 6.1.1. For non-emergency personnel**
- Protective equipment : Wear recommended personal protective equipment. For further information refer to section 8: "Exposure controls/personal protection".
- Emergency procedures : Ventilate spillage area. Evacuate unnecessary personnel.
- 6.1.2. For emergency responders**
- Protective equipment : Do not attempt to take action without suitable protective equipment. Equip cleanup crew with proper protection. For further information refer to section 8: "Exposure controls/personal protection".
- Emergency procedures : Ventilate area.

6.2. Environmental precautions

Avoid release to the environment. Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

- Methods for cleaning up : Take up liquid spill into absorbent material. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.
- Other information : Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection". For disposal of residues refer to section 13 : "Disposal considerations".

SECTION 7: Handling and storage

7.1. Precautions for safe handling

- Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment. Provide good ventilation in process area to prevent formation of vapour.
- Hygiene measures : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

- Storage conditions : Keep container closed when not in use. Store in original container. Store in a well-ventilated place. Keep cool.
- Information on mixed storage : Keep away from food, drink and animal feedingstuffs.

7.3. Specific end use(s)

No additional information available.

PVA GLUE STICK

Safety Data Sheet

According to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1. National occupational exposure and biological limit values

INGREDIENT DATA

Country	Limit value - TWA	Limit value - STEL
Glycerol		
Belgium	10 mg/m ³	-
Finland	20 mg/m ³	-
France	10 mg/m ³	-
Germany (AGS)	200 mg/m ³ Inhalable fraction	400 mg/m ³ Inhalable fraction; 15 minutes average value
Germany (DFG)	200 mg/m ³ Inhalable fraction	400 mg/m ³ Inhalable fraction; 15 minutes average value
Ireland	10 mg/m ³	-
Poland	10 mg/m ³	-
Spain	10 mg/m ³	-
United Kingdom	10 mg/m ³	-
4-Chloro-3-methylphenol		
Poland	5 mg/m ³ Inhalable fraction	-
Sweden	3 mg/m ³	6 mg/m ³ 15 minutes average value

EMERGENCY LIMITS

Ingredient	TEEL-1	TEEL-2	TEEL-3
Ethenol, homopolymer	24 mg/m ³	270 mg/m ³	1600 mg/m ³
Glycerol	45 mg/m ³	180 mg/m ³	1100 mg/m ³
Sodium stearate	0.17 mg/m ³	1.8 mg/m ³	11 mg/m ³
4-Chloro-3-methylphenol	5.5 mg/m ³	60 mg/m ³	360 mg/m ³

Ingredient	Original IDLH	Revised IDLH
All	Not Available	Not Available

8.1.2. Recommended monitoring procedures

No additional information available

8.1.3. Air contaminants formed

No additional information available

8.1.4. DNEL and PNEC

No additional information available

8.1.5. Control banding

No additional information available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Appropriate engineering controls:

Ensure good ventilation of the work station.

8.2.2. Personal protection equipment

Personal protective equipment:

Avoid all unnecessary exposure.

8.2.2.1. Eye and face protection

Eye protection:

Chemical goggles or safety glasses. Not required for normal conditions of use.

8.2.2.2. Skin protection

PVA GLUE STICK

Safety Data Sheet

According to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758

Skin and body protection:

Wear suitable protective clothing.

Hand protection:

Protective gloves. Choosing the proper glove is a decision that depends not only on the type of material, but also on other quality features, which differ for each manufacturer. Time of penetration is to be checked with the glove producer. Not required for normal conditions of use.

8.2.2.3. Respiratory protection

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment. Not necessary under the recommended storage and handling conditions.

8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls

Environmental exposure controls:

Avoid release to the environment.

Other information:

Keep away from food, drink and animal feedingstuffs. Always wash hands after handling the product.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Gel
Appearance	: Gel
Colour	: White
Odour	: Slight
Odour threshold	: No data available
pH	: 9.2
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: No data available
Freezing point	: Not applicable
Boiling point	: Not applicable
Flash point	: Not applicable
Auto-ignition temperature	: Not self-igniting
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Solubility	: No data available
Partition coefficient n-octanol/water (Log Pow)	: No data available
Viscosity, kinematic	: Not applicable
Viscosity, dynamic	: No data available
Explosive properties	: Product is not explosive
Oxidising properties	: No data available
Explosive limits	: Not applicable

9.2. Other information

9.2.1. Information with regard to physical hazard classes

No additional information available

9.2.2. Other safety characteristics

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

PVA GLUE STICK

Safety Data Sheet

According to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758

10.2. Chemical stability

The product is stable at normal handling and storage conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use. Hazardous polymerization will not occur.

10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Inhaled	:	The material is not thought to produce adverse health effects or irritation of the respiratory tract (as classified by EC Directives using animal models). Nevertheless, good hygiene practice requires that exposure be kept to a minimum and that suitable control measures be used in an occupational setting. Not normally a hazard due to non-volatile nature of product.
Ingestion	:	The material has NOT been classified by EC Directives or other classification systems as harmful by ingestion."This is because of the lack of corroborating animal or human evidence.
Skin Contact	:	The material is not thought to produce adverse health effects or skin irritation following contact (as classified by EC Directives using animal models). Nevertheless, good hygiene practice requires that exposure be kept to a minimum.
Eye	:	Although the material is not thought to be an irritant (as classified by EC Directives), direct contact with the eye may produce transient discomfort characterised by tearing or conjunctival redness (as with windburn).
Chronic	:	Long-term exposure to the product is not thought to produce chronic effects adverse to the health (as classified by EC Directives using animal models); nevertheless exposure by all routes should be minimized as a matter of course.

PVA GLUE STICK	TOXICITY	IRRITATION
	Not Available	Not Available
Ethenol, homopolymer	TOXICITY	IRRITATION
	Oral (rat) LD50: > 10000 mg/kg	Not Available
	Dermal (rabbit) LD50: > 7940 mg/kg	
Glycerol	TOXICITY	IRRITATION
	Oral (rat) LD50: 12600 mg/kg	Eye (rabbit): 500 mg/24h - mild
	Dermal (rabbit) LD50: > 10000 mg/kg	Skin (rabbit): 500 mg/24h - mild
	Inhalation (rat) LC50: > 2.75 mg/l/4h	
4-Chloro-3-methylphenol	TOXICITY	IRRITATION
	Oral (rat) LD50: 1830 mg/kg	Not Available
	Dermal (rabbit) LD50: > 5000 mg/kg	
	Inhalation (rat) LC50: > 2871 mg/m ³ /4h	

International Agency for Research on Cancer (IARC)		IARC Group	
Ethenol, homopolymer		Group 3, Not classifiable	
Acute Toxicity	×	Carcinogenicity	×

PVA GLUE STICK

Safety Data Sheet

According to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758

Skin Irritation/Corrosion	✗	Reproductivity	✗
Serious Eye Damage/Irritation	✗	STOT - Single Exposure	✗
Respiratory or Skin sensitisation	✗	STOT - Repeated Exposure	✗
Mutagenicity	✗	Aspiration Hazard	✗

Legend: ✗ – Data either not available or does not fill the criteria for classification.
✓ – No data available for the final mixture, but the level of individual ingredients are considered in the overall property.

11.2. Information on other hazards

11.2.1. Endocrine disrupting properties

No additional information available

11.2.2. Other information

Other information : Likely routes of exposure: ingestion, inhalation, skin and eye.

SECTION 12: Ecological information

12.1. Toxicity

PVA GLUE STICK	Endpoint	Test Duration (hr)	Species	Value
	Not Available	Not Available	Not Available	Not Available
Glycerol	Endpoint	Test Duration (hr)	Species	Value
	LC50	96h	Fish	885 mg/l
	EC50	24h	Crustacea	> 10000 mg/l
	EC50	96h	Algae or other aquatic plants	77712 mg/l
	NOEC	168h	Crustacea	800 mg/l
4-Chloro-3-methylphenol	Endpoint	Test Duration (hr)	Species	Value
	LC50	96h	Fish	6.71 mg/l
	EC50	48h	Crustacea	2 mg/l
	EC50	72h	Algae or other aquatic plants	15 mg/l
	NOEC	504h	Crustacea	0.32 mg/l

12.2. Persistence and degradability

Ingredient	Persistence: Water/Soil	Persistence: Air
Ethenol, homopolymer	LOW	LOW
Glycerol	LOW	LOW
4-Chloro-3-methylphenol	LOW	LOW

12.3. Bioaccumulative potential

Ingredient	Bioaccumulation
Ethenol, homopolymer	LOW (BCF = 7.5)
Glycerol	LOW (LogKOW = -1.76)
4-Chloro-3-methylphenol	LOW (BCF = 52)

12.4. Mobility in soil

Ingredient	Bioaccumulation
Ethenol, homopolymer	HIGH (KOC = 1)
Glycerol	HIGH (KOC = 1)
4-Chloro-3-methylphenol	LOW (KOC = 717.6)

PVA GLUE STICK

Safety Data Sheet

According to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758

12.5. Results of PBT and vPvB assessment

	<i>P</i>	<i>B</i>	<i>T</i>
Relevant available data	Not Applicable	Not Applicable	Not Applicable
PBT Criteria fulfilled?	Not Applicable	Not Applicable	Not Applicable

12.6. Endocrine disrupting properties

No additional information available

12.7. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional legislation (waste)	:	Disposal must be done according to official regulations.
Waste treatment methods	:	Dispose of contents/container in accordance with licensed collector's sorting instructions.
Product/Packaging disposal recommendations	:	Dispose of this material and its container at hazardous or special waste collection point. Dispose in a safe manner in accordance with local/national regulations.
Ecology - waste materials	:	Avoid release to the environment.
European List of Waste (LoW) code	:	Code Waste to be completed according to the use and the list of Decision 2000/352/EC

SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

<i>ADR</i>	<i>IMDG</i>	<i>IATA</i>	<i>ADN</i>	<i>RID</i>
14.1. UN number				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.2. UN proper shipping name				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.3. Transport hazard class(es)				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.4. Packing group				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.5. Environmental hazards				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
No supplementary information available				

14.6. Special precautions for user

Overland transport (ADR)

Not regulated

Transport by sea (IMDG)

Not regulated

Air transport (IATA)

Not regulated

Inland waterway transport (AND)

Not regulated

Rail transport (RID)

Not regulated

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

PVA GLUE STICK

Safety Data Sheet

According to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758

Not established

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions.

Contains no substance on the REACH candidate list.

Contains no REACH Annex XIV substances.

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants.

Contains no substance subject to Regulation (EU) 2019/1148 of the European Parliament and of the Council of 20 June 2019 on the marketing and use of explosives precursors.

Other information, restriction and prohibition : Treated article (Biocide). Regulation (EU) No 528/2012 concerning the making available on the market and use of biocidal products. Preservatives for products during storage.

Directive 2012/18/EU (SEVESO III)

Seveso Additional information : Not relevant

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

Abbreviations and acronyms:

ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE	Acute Toxicity Estimate
BCF	Bioconcentration factor
BLV	Biological limit value
BOD	Biochemical oxygen demand (BOD)
COD	Chemical oxygen demand (COD)
DMEL	Derived Minimal Effect level
DNEL	Derived-No Effect Level
EC-No.	European Community number
EC50	Median effective concentration
EN	European Standard
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC50	Median lethal concentration
LD50	Median lethal dose
LOAEL	Lowest Observed Adverse Effect Level
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration

PVA GLUE STICK

Safety Data Sheet

According to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758

OECD	Organisation for Economic Co-operation and Development
OEL	Occupational Exposure Limit
PBT	Persistent Bioaccumulative Toxic
PNEC	Predicted No-Effect Concentration
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
SDS	Safety Data Sheet
STP	Sewage treatment plant
STEL	Short term exposure limit
ThOD	Theoretical oxygen demand (ThOD)
TLM	Median Tolerance Limit
TWA	Time weighted average
VOC	Volatile Organic Compounds
CAS-No.	Chemical Abstract Service number
N.O.S.	Not Otherwise Specified
vPvB	Very Persistent and Very Bioaccumulative
ED	Endocrine disrupting properties
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
TRGS	Technical Rules for Hazardous Substances
IOELV	Indicative Occupational Exposure Limit Value
WGK	Water Hazard Class

Data sources : 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. 15 ATP Inserted / Updated.

Training advice : Normal use of this product shall imply use in accordance with the instructions on the packaging.

Other information : None

Full text of H- and EUH-statements

Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Skin Corr. 1C	Skin corrosion/irritation, Category 1, Sub-Category 1C
Skin Sens. 1B	Skin sensitisation, category 1B
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H335	May cause respiratory irritation.
H400	Very toxic to aquatic life.
H412	Harmful to aquatic life with long lasting effects.

Safety Data Sheet (SDS), EU&UK

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental

PVA GLUE STICK

Safety Data Sheet

According to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758

requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

End of Safety Data Sheet