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

· 1.1 Product identifier
· Trade name:
Zieler Easy Cut Lino Carving Sheets
· Registration number:
No available data.
· UFI number:
No available data.
· Other means of identification:
EAN: 0604565287847
SKU: 09299354
Brand Name: ZIELER

· 1.2 Relevant identified uses of the substance or mixture and uses advised against on
· Application of the substance/ mixture:
Consumer uses, writing aid.
· Uses advised against:
No available data.
· Reason why uses advised against:
No available data.

· 1.3 Details of the supplier of the safety data sheet
· Manufacturer/Supplier:
TANNEGATE LTD. (TANNEGATE SUPPLIES)
Unit B2 Ullswater Crescent, Ullswater Industrial Estate, Coulsdon, Surrey CR5 2HR U.K
Post code: Cr5 2hr
Tel: +44 208 655 8070
Email: artsupplies@zieler.co.uk
National contact: Kiren Patel or Raj Patel
· Only Representative/other EU contact point:
No information available.
· Further information obtainable from:
TANNEGATE LTD. (TANNEGATE SUPPLIES)

· 1.4 Emergency telephone number
Tel: +44 208 655 8070

SECTION 2: Hazards identification

· 2.1 Classification of the substance or mixture
· 2.1.1 Classification according to regulation (EC) 1272/2008:
The product is not classified according to CLP Regulation.

Regulation (EC) No 1272/2008 [CLP]	Classification procedure
Not applicable	Not applicable

· 2.2 Label elements
· Labeling according to Regulation (EC) No 1272/2008:

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The product is not labelled according to CLP Regulation.

· Hazard pictograms:

Not applicable

· Signal word:

Not applicable

· Hazard-determining components of labelling:

Not applicable

· Hazard statements:

Not applicable

· Precautionary statement:

Not applicable

· Supplemental label elements:

Not applicable.

· 2.3 Other hazards

None of the ingredients (≥0.1%) meets the criteria for PBT/vPvB in accordance with Annex XIII.

None of the ingredients (≥0.1%) is identified as having endocrine disrupting properties according to Regulation (EU) 2017/2100.

SECTION 3: Composition/information on ingredients

· 3.1 Substance

Not applicable

· 3.2 Mixtures

· Description of the mixture:

Zieler Easy Cut Lino Carving Sheets.

Ingredients:

Substance	CAS No.	Index No.	EC No.	w/w, %	CLP Classification	SCL/M-factor/ATE
Pigment Green 7	1328-53-6	-	215-524-7	95	None	-
Polyvinylchloride	9002-86-2	-	-	5	None	-

SECTION 4: First aid measures

· 4.1 Description of first aid measures

General advice:

Get medical attention if you feel unwell.

After inhalation:

Supply with fresh air.

Get medical attention if you feel unwell.

After skin contact:

Wash with water.

If there are signs of irritation or other symptoms seek medical attention.

After eye contact:

Rinse cautiously with water.

If eye irritation occurs: Get medical advice/attention.

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After swallowing:
Rinse mouth.
Call a POISON CENTER/doctor if you feel unwell.

· 4.2 Most important symptoms and effects, both acute and delayed:
No known important symptoms or effects, acute or delayed.

· 4.3 Indication of any immediate medical attention and special treatment needed:
Treat according to symptom, there is not known specific medicine.

SECTION 5: Fire-fighting measures

· 5.1 Extinguishing media
· Suitable extinguishing agents:
Use CO_2, chemical powder, water spray or alcohol resistant foam to extinguish.
· Unsuitable extinguishing media:
No known unsuitable extinguishing media.

· 5.2 Special hazards arising from the substance or mixture:
No known special hazards arising from the mixture.

· 5.3 Advice for firefighters
Protective equipment:
Wear self-contained breathing apparatus for firefighting.

SECTION 6: Accidental release measures

· 6.1 Personal precautions, protective equipment and emergency procedures

· 6.1.1 For non-emergency personnel

Protective equipment:

Eyes protection and respiration protection.

Emergency procedures:

Ensure adequate ventilation.

Avoid breathe dust.

Avoid contact with eyes.

· 6.1.2 For emergency responders

Personal protective equipment:

Eyes protection and respiration protection.

· 6.2 Environmental precautions:
Prevent further leakage or spillage if safe to do so.
Prevent spillage from entering drains, sewer, basement or confined areas.
If the spillage contaminates rivers, lakes or drains inform respective authorities.

· 6.3 Methods and material for containment and cleaning up:
Pick up mechanically.

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Dispose contaminated material as waste according to section 13.

· 6.4 Reference to other sections:
See section 7 for information on safe handing.
See section 8 for information on personal protection equipment.
See section 13 for disposal in formation.

SECTION 7: Handling and storage

· 7.1 Precautions for safe handling:
No special precautions for safe handling.
· Information about fire and explosion protection:
Normal measures for preventive fire protection.

· 7.2 Conditions for safe storage, including any non-compatibility
· Requirements to be met by storerooms and receptacles:
Store in a cool and well-ventilated place.
· Information about storage in one common storage facility:
No further requirements.
· Further information about storage conditions:
No further requirements.
· Storage class:
13.

· 7.3 Specific end use(s):
See section 1.2.

SECTION 8: Exposure controls/personal protection

· 8.1 Control parameters
· Ingredients with limit values that require monitoring at the workplace:

Country	Limit value - Eight hours	Limit value - Short term
9002-86-2 Polyvinyl chloride		
Belgium	10 mg/m³	-
Germany (DFG)	0.3 mg/m³Respirable fraction; Multiplied with the material density	800ppm; 3000 mg/m³ Respirable fraction; Multiplied with the material density; 15 minutes average value
Ireland	10 mg/m³Inhalable fraction; 1 mg/m³Respirable fraction	-
Latvia	5 mg/m³	-
Sweden	1 mg/m³	-
United Kingdom	10 mg/m³Inhalable fraction; 4 mg/m³Respirable fraction	-

· DNELs: No available data.
· PNECs: No available data.
· Additional information:
The lists valid during the marking were used as basis.

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· 8.2 Exposure controls

· Based on the composition shown in section 3, the following measures are suggested for occupational safety measure.

· Appropriate engineering controls:

Handle in accordance with good industrial hygiene and safety practice.

Wash hands and face before breaks and at the end of work.

See section 7 for information about design of technical facilities.

· Personal protective equipment

· Eye and face protection:

Not required under normal conditions of use.

For industrial applications, following protection required:

Safety glasses

Protective goggles with side-shields.

· Skin protection

· Hand protection:

Not required under normal conditions of use.

For industrial applications, following protection required:

Protective gloves

Gloves made from butyl rubber Neoprene™ rubber, nitrile rubber (thickness> 0.3mm; breakthrough times up to 480 minutes).

· Other skin protection:

Not required under normal conditions of use.

For industrial applications, following protection required: Gauntlets, boots, bodysuit are recommended.

· Respiration protection:

Not required under normal conditions of use.

For industrial applications, following protection required:

Use positive pressure breathing mask if concentrations in air could exceed occupational exposure standard.

· Thermal hazards:

Not required under normal conditions of use.

For industrial applications, following protection required:

The gauntlets, boots, bodysuit and other personal protective equipment must be flame retardant and no heat-conducting.

· Environmental exposure controls:

Control measures must be made in accordance with Community environmental protection legislation.

SECTION 9: Physical and chemical properties

· 9.1 Information on basic physical and chemical properties

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· Physical state	Solid
· Color	Green
· Odor & Odor threshold	Odorless
· Melting point/freezing point (or softening point/range)	Not determined
· Boiling point or initial boiling point and boiling range	Not determined
· Flammability	Not flammable solid
· Lower and upper explosion limit	Not determined
· Flash point	Not determined
· Auto-ignition temperature	Not determined
· Decomposition temperature	Not determined
· pH	Not determined
· Kinematic viscosity (mm2/s)	Not determined
· Solubility	Insoluble in water
· Partition coefficient n-octanol/water (log value)	Not determined
· Vapor pressure	Not applicable
· Density and/or relative density	Not determined
· Relative vapor density	Not applicable
· Particle characteristics	Not determined
· 9.2 Other information	
· 9.2.1 Information with regard to physical hazard classes:	
· Explosives	Not applicable
· Flammable gases	Not applicable
· Aerosols	Not applicable
· Oxidising gases	Not applicable
· Gases under pressure	Not applicable
· Flammable liquids	Not applicable
· Flammable solids	Not applicable
· Self-reactive substances and mixtures	Not applicable
· Pyrophoric liquids	Not applicable
· Pyrophoric solids	Not applicable
· Self-heating substances and mixtures	Not applicable
· Substances and mixtures, which emit flammable gases in contact with water	Not applicable
· Oxidizing liquids	Not applicable
· Oxidizing solids	Not applicable
· Organic peroxides	Not applicable
· Corrosive to metals	Not applicable
· Desensitised explosives	Not applicable
· 9.2.2 Other safety characteristics	
· Mechanical sensitivity	Not applicable
· Self-accelerating polymerisation temperature	Not applicable
· Formation of explosible dust/air mixtures	Not applicable

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· Acid/alkaline reserve	Not applicable
· Evaporation rate	Not applicable
· Miscibility	Not applicable
· Conductivity	Not applicable
· Corrosiveness	Not applicable
· Gas group	Not applicable
· Redox potential	Not applicable
· Radical formation potential	Not applicable
· Photocatalytic properties	Not applicable
· Other physical and chemical parameters	Not determined

SECTION 10: Stability and reactivity

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

· 10.2 Chemical stability:
Under storage at normal ambient temperatures, the product is stable.

· 10.3 Possibility of hazardous reactions:
No known hazardous reaction.

· 10.4 Conditions to avoid:
High temperatures.

· 10.5 Incompatible materials:
Strong oxidizing agents and strong acids.

· 10.6 Hazardous decomposition products:
Does not decompose when used for intended uses.

SECTION 11: Toxicological information

· 11.1 Information on toxicological effects
· Acute toxicity:
Based on available data, the classification criteria are not met.

· Skin corrosion/irritation:
Based on available data, the classification criteria are not met.

· Serious eyes damage/ irritation:
Based on available data, the classification criteria are not met.

· Respiratory or skin sensitization:
Based on available data, the classification criteria are not met.

· Germ cell mutagenicity:
Based on available data, the classification criteria are not met.

· Carcinogenicity:

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

· Reproductive toxicity:
Based on available data, the classification criteria are not met.

· STOT-single exposure:
Based on available data, the classification criteria are not met.

· STOT-repeated exposure:
Based on available data, the classification criteria are not met.

· Aspiration hazard:
Based on available data, the classification criteria are not met.

· 11.2 Information on other hazards
· 11.2.1 Endocrine disrupting properties:
None of the ingredients (≥0.1%) is considered to have endocrine-disrupting properties with respect to humans, as none of them meet the criteria set out in section A of Regulation (EU) No 2017/2100.

· 11.2.2 Other information:
No known other relevant information on adverse health effects.

SECTION 12: Ecological information

· 12.1 Toxicity:

LC50/EC50/NOEC values relevant for classification:	
1328-53-6 Pigment Green 7	
Short–term toxicity to fish	LC50 (4 days) 752.4 mg/L
Short–term toxicity to aquatic invertebrates	EC50 (48 h) 500 mg/L
Long–term toxicity to aquatic invertebrates	NOEC (21 days) 1 mg/L
Toxicity to aquatic algae and cyanobacteria	EC50 (72 h) 100 mg/L
Toxicity to microorganisms	EC50 (30 min) 10 g/L

· 12.2 Persistence and degradability: No available data.

· 12.3 Bio-accumulative potential:

1328-53-6	Pigment Green 7	Log Pow= 0.88

· 12.4 Mobility in soil: No available data.

· 12.5 Results of PBT and vPvB assessment:
This mixture does not contain any substances (≥0.1%) that are assessed to be a PBT or a vPvB.

· 12.6 Endocrine disrupting properties:
None of the ingredients (≥0.1%) is considered to have endocrine-disrupting properties with respect to non-target organisms, as none of them meet the criteria set out in section B of Regulation (EU) No 2017/2100.

· 12.7 Other adverse effects:
No known other adverse effects.

· 12.8 Additional ecological information
· General notes:

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WGK1 (German Regulation) (self-assessment): Low hazard to waters.
Do not allow large quantities of the product to reach ground water, water course or sewage system.

SECTION 13: Disposal consideration

· 13.1 Waste treatment methods
· Recommendation:
Small quantities can be disposed together with household garbage.
Large quantities disposed must be in according to the local regulation.

· 13.2 Un-cleaned packaging
· Recommendation:
Dispose of contents/container in according to the local/regional/national/ international regulation.

SECTION 14: Transport information

· ADR/RID (2021 Edition)	This product is not subject to ADR/RID.
· IATA-DGR (63th)	This product is not subject to IATA-DGR.
· IMO/IMDG (40-20)	This product is not subject to IMO/IMDG code.

SECTION 15: Regulatory information

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

9002-86-2	Polyvinyl chloride	4

· Directive 2012/18/EU
· Named dangerous substances-ANNEX I:
None of the ingredients is listed.
· Seveso category:
Not applicable
· Qualifying quantity (tonnes) for the application of lower-tier requirements:
Not applicable
· Qualifying quantity (tonnes) for the application of upper-tier requirements:
Not applicable
· National regulations.
· Water hazard class:
WGK1 (German Regulation) (self-assessment): Low hazard to waters.
· Other regulations, limitations and prohibitive regulations
· SVHC Candidate list of REACH Regulation Annex XIV Authorization:
None of the ingredients is listed.
· REACH Regulation Annex XVII Restriction:
None of the ingredients is listed.
· REACH Regulation Annex XIV Authorization List:
None of the ingredients is listed.

· 15.2 Chemical safety assessment:
A Chemical Safe Assessment has not been carried out.

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SECTION 16: Other information

· 16.1 Indication of changes:
None.

16.2 Abbreviations and acronyms:
ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road).
IMDG: International Maritime Code for Dangerous Goods.
IATA: International Air Transport Association.
CAS: Chemical Abstracts Service (division of the American Chemical Society)
DNEL: Derived No-Effect Level (REACH)
PNEC: Predicted No-Effect Concentration (REACH)
PBT: Persistent, Bio accumulative and Toxic
vPvB: very persistent and very bio accumulative
SVHC: Substance of Very High Concern
LD50: Lethal dose, 50 percent
LC50: Lethal concentration, 50 percent

· 16.3 Key literature references and sources for data:
https://echa.europa.eu/
https://chem.nlm.nih.gov/
https://www.osha.gov/
http://www.unece.org/
http://www.imo.org/
https://www.dguv.de/
https://epa.govt.nz/
http://www.ilo.org/
https://www.phmsa.dot.gov/

· 16.4 Classification for mixtures and used evaluation method according to regulation (EC) 1207/2008 [CLP]:
See section 2.1 (classification).

· 16.5 Relevant H- and EUH-phrases (number and full text):
None.

· 16.6 Training advice:
Workers must be trained in general and specific aspects of safe work procedures for this chemical. Workers need easy to understand guidelines and instructions for safe working with this chemical. Instructions, guidelines and legally required documents need to be available for workers in easy to understand language.

· 16.7 Further information:
The contents and format of this SDS are in accordance with Regulation (EC) No 1907/2006, its amendment Regulation (EU) No 2020/878 and (EC) No 1272/2008.
DISCLAIMER OF LIABILITY:
The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in

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any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

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End of safety data sheet

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