

Material Safety Data Sheet

I. Product and Company Identification.

Product Name: Lattice sole 100# white PVC label paper
Product Number: VW100NH-YG8016-1726
Name and address of manufacturer or supplier:
Emergency contact number/Fax number:

II. Identify Information

Product Formation	Product Composition	Chemical name	CAS.No	Percentage Composition
plane materiel	PVC	pvcmembrane	9002-86-2	50-60%
viscose	crylic acid	polyacrylic acid	9003-1-4	8-15%
Mold base paper	Mold release	silicone oil	68083-19-2	0.3-1%
Mold base paper	Release paper	fiber	65996-61-4	30-40%

III. Hazard identification material

The most important harmful effect	Health hazard effect: None
	Environment impact: None
	Physical and chemical hazards: None
	Special hazards: None
Major symptoms: None	
Item hazard classification: None	

IV. First aid measures

Emergency treatment for different exposure pathways:
• Inhalation: None
• Skin contact: None
• Eye contact: None
• Ingestion: None
Most important symptom and harmful effect: None

V. Fire extinguishing measure

Suitable fire extinguishing materials: CO ₂ fire extinguisher , dry powder extinguisher
Special hazards that may be encountered during fire extinguishing: None
Special fire extinguishing procedure: None
Special protective equipment for fire protection personnel: no special protective equipment is required

VI. Leakage treatment method

Personal Notes:
Environmental considerations:
Cleaning method:

VII. Safe resolution and storage methods

Resolution: No special handling equipment required
Storage: store in a cool, dry and ventilated room for 12 months

VIII. Exposure controls measures

personal safety equipment:
<ul style="list-style-type: none">• Respiratory protection: no need
<ul style="list-style-type: none">• Hand protection: no need
<ul style="list-style-type: none">• Eye protection: no need
<ul style="list-style-type: none">• Skin and body protection: no need
Sanitary measures: Keep air circulating

IX. Stability

Stability: chemical and physical stability
Possible hazardous reaction under special conditions: flammable
Conditions to be noted: isolated from fire, moisture-proof, moisture-proof

X. Waste disposal method

Waste disposal method: burn or bury under environmental permission
--

XI. Physical and chemical properties

Physical State:	solid state	Shape: Roll
Color:	silver	Smell: No
PH value	N/A	Explosion limit: None
Density	N/A	Vapor density: N/A
		Solubility in water : insoluble

XII. Toxicological Information

Inhalation: No
Skin contact: None
Eye contact: None
Eat: No

Local effect: None
Sensitization: None
Slow toxicity or long term toxicity: None
Special effect: None

XIII. Ecological Information

Possible environmental effects/dispersal: not conducive to natural degradation
--

XIV. Shipping Information

International transport regulations: None
United Nations number: None
Domestic transport regulations: None
Special delivery method and precautions: None

XV. Regulation Information

Applicable regulations: General

XVI. Other Information

References: None at present		
Tabulator Unit	Name:	
	Address:	
lister	R&D:	Review (signature and seal) :
Tabulation Date	July 8, 2022 RevisionDate	Revision Number

EC-SAFETY DATA SHEET

Date of printing:2022-03-04

1 <u>Product and Company Identification</u>		
Details on the product		
Commercial product name:	TTF K 500 white	
Manufacturer/Supplier:		
Responsible office:		
2 <u>Composition/Information on Ingredients</u>		
component	CAS NO.	WT%
Polyethylene-terephthalate	25038-59-9	50-60
Titanium dioxide	13463-67-7	25-35
Synthetic resins	Confidential	10-20
Additives	Confidential	1-3
3 <u>Hazards Identification</u>		
Risks for human health: not known		
Security risks: not known		
Environmental risks: not known		
4 <u>First-Aid Measures</u>		
No particular procedures necessary.		
5 <u>Fire-Fighting Measures</u>		
Suitable extinguishing media:		
CO ₂ -, powder and foam extinguisher, water		
Particular risks arising from the product/products of combustion/generated gases:		
When burned the following substances can be formed: carbon monoxide (CO), small quantities of nitric oxide, trace amounts of hydrogen chloride and acetic acid.		
Protective equipment:		
Use breathing equipment independent from circulating air and protective clothes.		
Further information:		
Risk of explosion in the case of an electrostatic charge of the product in the presence of solvent vapours or dust.		

EC-SAFETY DATA SHEET

Date of printing:2022-03-04

6 Accidental Release Measures

./.

7 Handling and Storage

Handling:

Electrostatic charges can be developed on the film. This may cause an explosion in the presence of solvent vapours or product dusts. Process product only in well ventilated rooms.

Observe the general instructions on industrial work hygiene.

Storage:

Store product at ambient temperature, avoid heat from direct sunlight and extremes of humidity.

8 Exposure Controls/Personal Protection

Technical protection measures:

Suck off product dust that may be generated directly at the place of origin.

Personal protective equipment: not necessary

Observe general protection and hygiene measures.

9 Physical and Chemical Properties

form:	solid
color:	white
odour:	characteristic
	value/range
change in physical	
melting point/melting range:	> 220°C
boiling point/boiling range:	n.a.
flash point:	> 300°C
ignition temperature:	> 350°C
danger of explosion:	n.a.
explosion limits:	
lower limit:	n.a.
upper limit:	n.a.

EC-SAFETY DATA SHEET

Date of printing:2022-03-04

9 Physical and Chemical Properties

	value/range
vapour pressure:	n.a.
density:	> 1,3 g/cm ³ at 20°C
solubility in water:	at 20°C practically insoluble
pH-value:	n.a.
viscosity:	n.a.

10 Stability and Reactivity

Hazardous reactions: none when used appropriately

Hazardous decomposition products: in case of burning please refer to point 5.

11 Toxicological Information

Harmful effects due to exposure to the product are not known.

12 Ecological Information

General information:

The product presents no risk worth mentioning for the environment.

13 Disposal Considerations

Disposal key number: 120199

Disposal definition: waste not otherwise specified (coated polyester film)

Waste disposal:

Waste material can be correctly disposed of or burned in a suitable incinerator in accordance with local regulations.

Packaging materials like carton and film can be recycled.

14 Transport information

The product is not subject to the regulations concerning transport of dangerous goods (GGVSE in the actually valid version).

EC-SAFETY DATA SHEET

Date of printing:2022-03-04

15 Regulatory Information

The product is not a dangerous working substance according to the German "Gefahrstoff-Verordnung" in its existing valid version.

16 Other Information

According to the information received from our raw material suppliers and according to the foil formulation the foil coating complies with the EN 71, Part 3 regarding heavy metal content.

Since no examination of each individual production batch is made with regard to compliance with the a. m. regulations, no guarantee or warranty is provided, that in every single case the permitted limits might not be exceeded. In case of need upon request and based on a written agreement we can provide you with tested and certified foils against charging of a price surcharge as well as of the costs for examination by an approved testing laboratory.

The information provided herein is given according to our best knowledge and experience as of the date of this document, but NO REPRESENTATION, GUARANTEE OR WARRANTY, EXPRESS OR IMPLIED IS MADE AS TO THE ACCURACY, RELIABILITY OR COMPLETENESS OF THE INFORMATION OR TO ANY SPECIAL QUALITY OR FITNESS OF THE PRODUCTS FOR A SPECIAL APPLICATION. This information does not release our customer from his own liability for care examination of any fitness of the products for his special application. This especially applies to any further production steps following subsequent to the foil application, which may have considerable influence on the result of the foil application, but which are completely out of the control of Kurz.

Material Safety Data Sheet

I. Product and Company Identification.

Product Name: POLYLAC® PA-758, PA-758R
Product Number:
Name and address of manufacturer or supplier:
Emergency contact number/Fax number:

II. Hazard Identification

Chemical hazard classification	None (not belonging to GHS 28 hazard classification)
Label content	None (not belonging to GHS 28 hazard classification)
Other hazards	Yes: Fine powder or processing of smoke, into the eyes may cause eye irritation. Skin: High temperature melting state during processing, if contact with skin may cause skin scald. Inhalation: Fine powder or processing smoke, into the respiratory tract may cause irritation. Ingestion: If ingested, it is recommended to take it out

III. Information on Ingredients

Chemical name	Percentage Composition	CAS.No
Methyl methacrylateAcrylonitrile-ButadieneStyrene Copolymer	>98 %	9010-94-0
Additives	≤2 %	---

IV. First aid measures

First aid for different exposure routes:	Inhalation If the gas escaping from the molten resin is inhaled, move the patient to a ventilated place and seek medical treatment immediately. Safety data sheet
Skin contact	if contact with rubber particles or rubber powder, rinse with water. In case of contact with glue, rinse the affected area and clothing with plenty of (soapy) water and seek medical attention immediately.
Eye contact	In case of contact with rubber granules or rubber powder, rinse with plenty of water for at least 15 minutes. If you feel unwell, seek

	medical attention immediately. In case of contact with gas escaping from high-temperature molten resin, rinse with plenty of water at least 15Minutes. If you feel unwell, seek medical attention immediately.
ingestion	Eat to induce vomiting, rinse with water, if uncomfortable, immediately seek medical advice.
The most important symptoms and harmful effects	No harm when not processed. During processing, scald damage
Protection of first aid workers	wear dust masks and safety glasses.
Tips for physicians	There is no need for specific antidotes at the physician's suggestion, and supportive therapy is provided according to the patient's symptoms.

V. Fire extinguishing measure

Suitable fire extinguishing materials: Water, foam, dry powder
Special hazards that may be encountered during fire extinguishing: None
Special fire extinguishing procedure: Remove combustibles
Special protective equipment for fire protection personnel: Use oxygen-supplied respirators

VI. Leakage treatment method

Personal Notes:	If plastic particles or plastic powder are left on the ground, people may slip and fall
Environmental considerations:	To prevent ingestion of birds or fish from the drainage system, complete recovery is required
Cleaning method:	Recycle or discard

VII. Safe resolution and storage methods

Resolution	The operating space must be strictly prohibited from fireworks and properly tidy to avoid dust accumulation. To prevent dust explosion, empty The gas transmission line, bag filter and storage tank shall be equipped with electrostatic elimination device and properly grounded. Bag filter The filter material adopts conductive material.
Storage	Store in a cool place, avoid direct sunlight, rain and rapid temperature difference. No fireworks in the storage area

VIII. Exposure controls measures

Engineering control:	Generally only a good adequate air circulation environment is required, some operations may require partial Exhaust ventilation
Control parameters:	---
Admissible Concentration (TLV)	<p>eight-hour daily dose Average Admissible concentration TWA: not applicable</p> <p>Short time mean allowable Concentration STEL: Not applicable</p> <p>CEILING: Not applicable (test animal, absorption route)LD50: not applicable (Test animal, absorption pathway)LC50: Not applicable</p>
Personal Protective equipment	<p>Respiratory protection: Use a gas mask when cleaning the molding machine.</p> <p>Hand protection: Use leather gloves when touching the glue</p> <p>Eye protection: usually use safety glasses, use goggles when cleaning the molding machine</p> <p>Skin and body protective: long sleeve workwear</p>
Hygiene Measures	Cleaning is recommended if fine powder remains after contact with colloidal particles.

IX. Physical and chemical properties

State of matter	solid state	Flash point (°C)	> 400
shape	granular	Test method (open or closed cup)	close
Color	transparent	Decomposition temperature (°C)	> 280
smell	tasteless	Spontaneous combustion temperature (°C)	> 400
Olfactory threshold	None	Explosion limit (g/m ³)	Do not apply
Melting point (°C)	Do not apply	Vapor pressure	negligible

PH	Do not apply	Vapor density	None (Solid)
Boiling point (°C)	Do not apply	Density (g/cm ³)	1.03 to 1.10
flammability	Do not apply	solubility	not dissolve in water
Octanol/water partition coefficient	None	Evaporation rate	non-volatile

X. Stability and reactivity

stability	Good stability when operating and storing according to general procedures
Possible hazard reaction under special conditions	None
Should be exempted from the situation	Avoid long-term storage in high temperature places (>300°C). Under prolonged high temperature, the product may decompose
Substances to be avoided	Strong oxidizer
Hazardous decomposition substance	CO, HCN, AN, SM, and NO
Burning energy	3.53 × 10 ⁷ J/kg (8424 kcal/kg)

XI. Toxicological Information

Exposed way	None
symptom	None
Urgent toxicity	None
Chronic toxicity or long-term toxicity	None
irritation	Smoke and vapors from decomposed rubber can irritate eyes

XII. Ecological Information

Ecotoxicity	None
Persistent and degradable	water is insoluble, remaining in a stable state around the environment and exposed to long-term sunlight At present, it is not expected to be decomposed by biochemical action. Bioaccumulation is not applicable
Biological accumulation	Not Applicable
Mobility in the soil	Can not be decomposed by biochemical action, will remain in the land environment in the soil.
Other adverse effects	To avoid being eaten by Marine life or birds, it is strictly forbidden to discard into the sea or water

XIII. Waste disposal method

Appropriate incineration or burial method. Improper incinerators may produce toxic gases such as CO, HCN, AN and SM.
--

XIV. Shipping Information

International transport regulations	Avoid dampness or careless handling. Packaging should not be damaged.
United Nations Number	If the package is damaged, it will cause the gelatine to spill, and it is easy to slip or fall down Should be dealt with as soon as possible
United Nations Transport Names	inapplicability
Transport hazards Classification	inapplicability
packaging category	inapplicability
Marine pollutants	None
special transport methods	None

XV. Regulation Information

Regulation	Occupational Safety and Health Act Rules for Occupational Safety and Health Facilities Permissible exposure standards for labor workplaces Road traffic safety regulations Business waste storage, removal and treatment methods and facility standards
------------	---

XVI. Other Information

References: None at present		
Tabulator Unit	Name:	
	Address:	
lister	R&D:	Review (signature and seal) :
Tabulation Date	July 8, 2022 RevisionDate	Revision Number