

FESTOOL

Material Safety Data Sheet

acc. to OSHA HCS

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Printing date 12/06/2013

Reviewed on 12/06/2013

1 Identification

- **Product identifier**
 - **Trade name:** EVA white
 - **Article number:** 499813
- **Relevant identified uses of the substance or mixture and uses advised against**

No further relevant information available.

 - **Application of the substance / the preparation** Adhesives
- **Details of the supplier of the safety data sheet**
 - **Manufacturer/Supplier:**

Festool Group GmbH & Co. KG
Wertstrasse 20
73240 Wendlingen
Tel: +49 (0)7024/ 8 04-0
Fax: +49 (0) 7024/ 8 04-20608
www.festool.com
 - **Information provided by department:**

Umweltmanagement
Tel: +49/(0)7024/ 8 04-0
info@festool-group.com
- **Emergency telephone number:**

Tel: +49/(0)7024/ 8 04-0

2 Hazard(s) identification

- **Classification of the substance or mixture**
 - **Classification according to Directive 67/548/EEC or Directive 1999/45/EC** not applicable
 - **Information concerning particular hazards for human and environment:**

Based on the calculation procedure of the "General Classification guideline for preparations of the EU" (Directive 1999/45/EC of the European Parliament and of the Council) in the latest valid version, this product does not have to be labeled.
- **Label elements**
 - **Labelling according to EU guidelines:**

Observe standard safety precautions for handling chemicals
The product is not subject to marking/classification requirements under EU Directives and the Directive on Hazardous Materials (GefStoffV).
 - **Classification system**
 - **NFPA ratings (scale 0-4)**

Health = 0
Fire = 1
Reactivity = 0
 - **HMIS ratings (scale 0-4)**

Health = 0
Flammability = 1
Reactivity = 0

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- **Other hazards**
- **Results of PBT and vPvB assessment**
 - **PBT:** Not applicable.
 - **vPvB:** Not applicable.

3 Composition/information on ingredients

- **Chemical characterization: Mixtures**
- **Description:**
 - Hot melt adhesive
 - Vinyl resin

- **Dangerous components:**

26523-78-4 tris(nonylphenyl) phosphite

<0.25%

- **Additional information**

In case any risk phrases are listed, please refer to paragraph 16 for the exact wording.

4 First-aid measures

- **Description of first aid measures**
- **General information** No special measures required.
- **After skin contact**
 - Generally the product does not irritate the skin.
 - After contact with the molten product, cool rapidly with cold water.
 - Do not peel solidified product from the skin.
 - Seek medical treatment.
- **After eye contact** Rinse opened eye for several minutes under running water.
- **After swallowing** If symptoms persist consult physician.
- **Most important symptoms and effects, both acute and delayed**
 - No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed**
 - No further relevant information available.

5 Fire-fighting measures

- **Extinguishing media**
- **Suitable extinguishing agents**
 - CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol-resistant foam.
- **Special hazards arising from the substance or mixture**
 - In case of fire, the following can be released:
 - Carbon monoxide (CO)
 - Under certain fire conditions, traces of other toxic gases cannot be excluded.
- **Advice for firefighters**
 - **Protective equipment:** Do not inhale explosion gases or combustion gases.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**
 - Particular danger of slipping on leaked/spilled product.
- **Environmental precautions:** No special measures required.
- **Methods and material for containment and cleaning up:**
 - Pick up mechanically.

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Allow to solidify. Pick up mechanically.

- **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 information.

No dangerous substances are released.

7 Handling and storage

- **Precautions for safe handling**

Store in cool, dry place in tightly closed containers.

Ensure that suitable extractors/ventilation systems are available on processing machines and in the workplace

- **Information about protection against explosions and fires:** No special measures required.

- **Conditions for safe storage, including any incompatibilities**

- **Storage**

- **Requirements to be met by storage facilities and containers:** No special requirements.

- **Information concerning mixed product storage facilities:** Not required.

- **Further information on storage conditions:** None.

- **Storage class** 11

- **Specific end use(s)** No further relevant information available.

8 Exposure controls/personal protection

- **Additional information technical layout:** No further data; see item 7.

- **Control parameters**

- **Components with limit values that require monitoring in the workplace:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

- **Additional information:**

The lists that were valid at the date of compilation of this MSDS were used as basis.

- **Exposure controls**

- **Personal protective equipment**

- **General protection and hygiene precautions**

The standard precautionary measures for handling chemicals should be observed.

Avoid skin contact with the liquefied material.

- **Breathing equipment:** Not necessary if room is well-ventilated.

- **Protection of hands:** Heat-resistant gloves

- **Material of gloves**

Leather gloves

Strong gloves

- **Penetration time of glove material** No special requirements.

- **Eye protection:** Goggles recommended during refilling.

9 Physical and chemical properties

- **Information on basic physical and chemical properties**

- **General Information**

- **Appearance:**

- **Form:** Solid.

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· Color:	According to product specification
· Odor:	Characteristic
· Odour threshold:	Not determined.
· pH-value:	Not applicable.
· Change in condition	
· Melting point/Melting range:	undetermined
· Boiling point/Boiling range:	> 250 °C (> 482 °F)
· Flash point:	> 200 °C (> 392 °F)
· Flammability (solid, gaseous)	Not determined.
· Ignition temperature:	450 °C (842 °F)
· Decomposition temperature:	> 220 °C
· Self-igniting:	Product is not selfigniting.
· Danger of explosion:	Product does not present an explosion hazard.
· Explosion limits:	
· Lower:	Not determined.
· Upper:	Not determined.
· Vapor pressure at 20 °C (68 °F):	0.2 hPa
· Density at 20 °C (68 °F):	1.13 g/cm ³ (9.43 lbs/gal)
· Relative density	Not determined.
· Vapor density	Not applicable.
· Evaporation rate	Not applicable.
· Solubility in / Miscibility with	
· Water:	Insoluble
· Partition coefficient (n-octanol/water):	Not determined.
· Viscosity:	
· dynamic:	Not applicable.
· kinematic:	Not applicable.
· Solvent content:	
· Organic solvents:	0.0 %
· Solid content:	100.0 %
· Other information	No further relevant information available.
· VOC - Volatile Organic Compounds	
· European Community	0.00 %
· Switzerland	0.00 %

10 Stability and reactivity

- **Reactivity**
- **Chemical stability**
 - **Thermal decomposition / conditions to be avoided:**
 - No decomposition if used according to specifications.
 - To avoid thermal decomposition do not overheat.
- **Possibility of hazardous reactions**
 - Toxic fumes may be released if heated above the decomposition point
 - No dangerous reactions known
- **Conditions to avoid** No further relevant information available.

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- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:**
 - Hydrocarbons
 - Ethanoic acid

11 Toxicological information

- **Information on toxicological effects**
 - **Acute toxicity:**
 - **LD/LC50 values that are relevant for classification:** not applicable
 - **Primary irritant effect:**
 - **on the skin:** No irritant effect.
 - **on the eye:** No irritating effect.
 - **Sensitization:** No sensitizing effects known.
 - **Additional toxicological information:**

The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations (Directive 1999/45/EC of the European Parliament and of the Council) as issued in the latest version:

When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.
- **Carcinogenic categories**

· IARC (International Agency for Research on Cancer)	
titanium dioxide	2B
Calcium-Metasilikat, enthält < 1 % Silan und < 1 % silikogenen Staub	3
· NTP (National Toxicology Program)	
None of the ingredients is listed.	

12 Ecological information

- **Toxicity**
 - **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability** No further relevant information available.
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **Additional ecological information:**
 - **General remarks:** Generally not hazardous for water.
- **Results of PBT and vPvB assessment**
 - **PBT:** Not applicable.
 - **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

13 Disposal considerations

- **Waste treatment methods**
 - **Recommendation** Smaller quantities can be disposed of with household waste.

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- **Uncleaned containers/packaging materials:**

- **Recommendation:** Dispose of packaging according to regulations on the disposal of packagings.

14 Transport information

· UN-Number	
· DOT, ADR, ADN, IMDG, IATA	Void
· UN proper shipping name	
· DOT, ADR, ADN, IMDG, IATA	Void
· Transport hazard class(es)	
· DOT, ADR, ADN, IMDG, IATA	
· Class	Void
· Packing group	
· DOT, ADR, IMDG, IATA	Void
· Environmental hazards:	Not applicable.
· Special precautions for user	Not applicable.
· Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.

15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**

- **SARA Section 355 (extremely hazardous substances)**

None of the ingredients is listed.

- **SARA Section 313 (specific toxic chemical listings)**

None of the ingredients is listed.

- **Proposition 65**

- **Prop 65 - Chemicals known to cause cancer**

None of the ingredients is listed.

- **Chemicals known to cause reproductive toxicity for females**

None of the ingredients is listed.

- **Chemicals known to cause reproductive toxicity for males**

None of the ingredients is listed.

- **Chemicals known to cause developmental toxicity**

None of the ingredients is listed.

- **Canadian ingredient disclosure list**

- **Limit 0,1 %**

None of the ingredients is listed.

- **Limit 1 %**

None of the ingredients is listed.

- **Carcinogen categories**

- **EPA (Environmental Protection Agency)**

None of the ingredients is listed.

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· TLV (Threshold Limit Value established by ACGIH)		
13463-67-7	titanium dioxide	A4
· NIOSH-Ca (National Institute for Occupational Safety and Health)		
titanium dioxide		
· OSHA-Ca (Occupational Safety & Health Administration)		
None of the ingredients is listed.		
· Chemical safety assessment: A Chemical Safety Assessment has not been carried out.		

16 Other information

These data are based on our present state of information. They shall, however, not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship. All standard industrial precautions apply, concerning protection of health, and safe handling. The recommendations have to be examined in the context of the application for which the product is intended, and observed as necessary.