

LUXEFILMS® KARESS® SMUDGEPROOF™ THERMAL LAMINATE FILM

SECTION 1: Material Identification	
Product Name	LuxeFilms® Karess® SmudgeProof™ Thermal Laminate Film
Recommended Use	Thermal Laminating
Uses Advised Against	No further relevant information available
Distributor Name	Nobelus 4841 Lumber Lane Knoxville, TN 37921
Emergency Phone Number	800.895.2747
SECTION 2: Hazard Identification	
Hazard Classification	This substance is not classified according to the CLP regulation.
Signal Word	Void
Hazard Statements	Void
Pictograms	Void
Precautionary Statements	No Data Available
CAS Hazard Class	No Data Available
Results of PBT and vPvB Assessment	Not Applicable
% of Product with Unknown Acute Toxicity	No Data Available
Unusual Fire & Explosion Hazards	No Data Available
Label Elements	Void
Particular Hazards for Human and Environment	Not Applicable
The film can pick up a strong static charge during processing. Avoid discharge into dust or solvent as a flash fire or explosion may result.	
SECTION 3: Composition / Information on Ingredients	
Chemical Name and Synonyms	No Data Available
CAS No	Thermal Lamination Film: 9003-07-0 , 24937-78-8 (EVA Hotmelt 100%) Varnish: 26570-48-9 (20<50%) , 42978-66-5 (5<10%) , 7473-98-5 (<5%) Octyl-Decyl-Acrylat (1<5%) Hardener: 42978-66-5 (50%) , Isocyanatoacrylate (20<50%) , 822-06-0 (0,1<0,5%)
Concentrations	No Data Available
Impurities & Stabilizing Additives	No Data Available
Trade Secret Claims	No Data Available

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SECTION 4: First Aid Measures

General Information	No special measures required.
Following Inhalation	Supply fresh air; consult doctor in case of complaints.
After Eye Contact	Rinse opened eye for several minutes under running water.
After Skin Contact	Immediately wash with water and soap and rinse thoroughly.
After Ingestion	Call for a doctor immediately.
Important Symptoms and Effects, Both Acute and Delayed	No further relevant information available.
Recommendations for Immediate Medical Care / Special Treatment	No further relevant information available.

SECTION 5: Fire Fighting Measures

General Information	No Data Available
Suitable Extinguishing Agents / Equipment	CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
Unsuitable Extinguishing Agents / Equipment	Water with full jet
Special Exposure Hazards arising from the Substance itself, Combustion Products, or Resulting Gases	No further relevant information available.
Special Protective Equipment for Fire Fighters	No special measures required.
Fire Fighting Procedures and Precautions	No Data Available

SECTION 6: Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures	Not Required
Environmental Precautions and Protective Procedures	No special measures required.
Methods for Containment and Cleanup	Pick up mechanically.
References 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.

SECTION 7: Handling and Storage

Precautions for Safe Handling	No special measures required.
Conditions for Safe Storage including Incompatibilities	No special requirements for storerooms and receptacles. No information provided regarding storing in one common facility and storage conditions.
Shelf Life	No Data Available
Precautions against Fire and Explosion	No special measures for protection required.

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SECTION 8: Exposure Controls / Personal Protection

Control Parameters	Information regarding ingredients with limit values that require monitoring at the workplace has not been provided.
Permissible Exposure Limits (PELs)	No Data Available
ACGIH Threshold Limit Values (TLVs)	No Data Available
General Information Regarding PPE	The usual precautionary measures are to be adhered to when handling chemicals.
Hand, Skin, and Body Protection	Protective gloves
Eye Protection	Not Required
Respiratory Protection	No Data Available
Special Requirements for PPE	Material of gloves: The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. Penetration time of glove material: The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
Appropriate Engineering Controls / Ventilation	No further data; see Section 7.
Thermal Hazard Protection	No Data Available

SECTION 9: Physical and Chemical Properties

Appearance / Color	According to Product Specification
State of Matter	Solid
Upper / Lower Flammability Limits	Undetermined
Upper / Lower Explosive Limits	Undetermined
Odor	Characteristic
Odor Threshold	Undetermined
Vapor Density	Not Applicable
pH	Not Applicable
Relative Density	Undetermined
Melting Point/ Melting Range	Undetermined
Freezing Point / Freezing Range	No Data Available
Solubility(ies)	No Data Available
Initial Boiling Point / Boiling Range	Undetermined
Flash Point	Not Applicable
Evaporation Rate	Not Applicable
Density	Undetermined
Relative Density	Undetermined
Flammability (solid, gas)	Product is not flammable.
Partition Coefficient (N-Octane / Water)	Undetermined
Auto-Ignition Temperature	Undetermined

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SECTION 9: Physical and Chemical Properties Cont.

Viscosity: Dynamic / Kinematic	Undetermined
Decomposition Temperature	Undetermined
Danger of Explosion	Product does not present an explosion hazard.
Vapor Pressure	Not Applicable
Specific Gravity	No Data Available
Spontaneous Combustion	Undetermined
Solubility / Miscibility with Water	Undetermined
Solvent Content	VOC: 0.00%
Oxidization	No Data Available
Distribution Coefficient	No Data Available
Molecular Weight	No Data Available
Other Information	No further relevant information available.

SECTION 10: Stability & Reactivity

Reactivity	No Data Available
Chemical Stability	No Data Available
Possibility of Hazardous Reactions	No dangerous reactions known.
Thermal Decomposition / Conditions to Avoid	No decomposition if used according to specifications. No further relevant information available.
Incompatible Materials	No further relevant information available.
Hazardous Decomposition Products	No dangerous decomposition products known.
Hazardous Polymerisation	This material is not known to have any hazardous polymerization characteristics.

SECTION 11: Toxicological Information

Acute Toxicity	No Data Available
Primary Irritant Effects on the Skin	No irritating effect.
Primary Irritant Effects on the Eye	No irritating effect.
Primary Irritant Effects upon Inhalation	No Data Available
Primary Irritant Effects upon Ingestion	No Data Available
Delayed, Immediate, and Chronic Effects from Exposure	No Data Available
Symptoms	No Data Available
Carcinogen Information: if Listed in NTP or IARC	No Data Available
Sensitization	No sensitizing effects known.
STOT (Specific Target Organ Toxicity): Single and Repeated Exposure	No Data Available
Additional Toxicological Information	When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

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SECTION 12: Ecological Information	
Ecological & Aquatic Toxicity	Generally not hazardous for water. No further relevant information available.
Persistence and Degradability	No further relevant information available.
Bioaccumulative Potential	No further relevant information available.
Mobility in Soil / Argonomical Movement	No further relevant information available.
Other Hazardous Effects	No further relevant information available.
Additional Ecological Information	No Data Available
SECTION 13: Disposal Considerations	
Disposal Method and Precautions	Smaller quantities can be disposed of with household waste.
Recommended Cleansing Agents	Water, if necessary together with cleansing agents.
Contaminated Packaging	Disposal must be made according to official regulations.
General Comment	Dispose according to Local, Federal, and State Regulations.
Refer to Section 8 for more information regarding minimizing exposure and protection.	
SECTION 14: Transport Information	
UN Number	Void
UN Proper Shipping Name	Void
Transport Hazard Class(es)	No Data Available
Class	Void
Packing Group Number	Void
Environmental Hazards	No Data Available
Marine Pollutant	No
Special Precautions for User	Not Applicable
UN "Model Regulation"	No Data Available
Bulk Transport Regulations	Not Applicable
SECTION 15: Regulatory Information	
NFPA Grade	No Data Available
Federal Regulations	No Data Available
State Regulations	No Data Available
Chemical Safety Assessment	A Chemical Safety Assessment has not been carried out.
SECTION 16: Other Information	
Last Revision	March 2020
Training Instructions	None Known
Data Sources	Data provided is from Manufacturer's SDS Sheets.