

# Safety Data Sheet

## 3-D Laminate (RTF)






Revised Date: March 2018

### Section 1- Identification

<b>Product Identification</b>	3D Rigid Vinyl Film
<b>Synonyms and or Grades</b>	3D Laminate/ Thermofoil
<b>Recommended Product Use</b>	Internal usage as kitchen surfaces, tables, doors, wall coverings or as other decorative surfaces.
<b>Chemical Name/Class</b>	Polyvinyl Chloride (PVC)
<b>Company Information</b>	Synergy Thermal Foils 12175 NW 39 <sup>th</sup> Street Coral Springs, FL 33065
<b>Emergency Contact</b>	Synergy Thermal Foils 1+954-420-9553

### Section 2- Hazards Identification

<b>Hazard Classification</b>	NONE	
<b>Potential Health Effects: Eyes</b>	During normal use, no significant eye irritation can be expected from contact with this product. Contact with dust or processing fumes may cause irritation.	
<b>Potential Health Effects: Skin</b>	During normal use, no significant irritation can be expected from contact with this product. Contact with dust or processing fumes may cause irritation.	
<b>Potential Health Effects: Ingestion</b>	Not expected route of entry with normal use of product.	NONE
<b>Potential Health Effects: Inhalation</b>	Dusts may cause irritation to nose, throat, and respiratory system. Inhalation of thermal processing fumes may cause respiratory tract irritation. Extreme thermal processing may release vinyl chloride.	

## Section 3- Composition/ Information of Ingredients

Hazardous Components		
Ingredients	CAS #	Weight (%)
PVC Film	NONE	100%

## Section 4- First Aid Measures

<b>Skin Contact</b>	If contact with hot (melt) product occurs: Wash with plenty of water, treat as for thermal burn.
<b>Eye Contact</b>	After contact with hot (melt) product: Immediately flush eyes with water for several minutes at least, get medical attention.
<b>Inhalation</b>	If PVC decomposes due to overheating or in contact with fire: Remove affected persons to fresh air. In case of irritation of respiratory system or if feeling unwell after prolonged exposure, get medical attention.
<b>Ingestion</b>	Not an expected route of entry with normal use of product

## Section 5- Fire Fighting Measures

<b>Flash Point</b>	N/A
<b>Flash Point Method</b>	N/A
<b>Flammable Limits</b>	Not considered to be flammable
<b>Burning Rate</b>	N/A
<b>Auto-ignition Temperature</b>	N/A
<b>Extinguishing Media</b>	Water spray, powder, carbon dioxide, foam
<b>Protective Clothing</b>	Wear fire protection equipment appropriate for the surrounding fire. Use breathing apparatus plus protective gloves

## Section 6- Accidental Release Measures

<b>Leak or Spill Procedures</b>	N/A
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## Section 7- Handling and Storage

<b>Handling Procedures and Equipment</b>	Avoid overheating the material, it decomposes to gaseous components. Thermal degradation does not occur at low temperatures, but becomes faster at higher temperatures.
<b>Storage Requirements</b>	Take precautionary measures to avoid fire hazard. Store in normal room conditions without direct exposure to sunlight.

## Section 8- Exposure Control/ Protective Equipment

<b>Specific Engineering Controls</b>	It is advisable to install local exhaust ventilation in the vicinity of processing machines in all areas where melt or high temperature processing is carried out
<b>Personal Protective Equipment</b>	Safety glasses, protective footwear, and gloves recommended when handling hot material
<b>Exposure Guidelines / Others</b>	N/A

## Section 9- Physical and Chemical Properties

<b>Physical State/ Appearance</b>	Coated films in rolls of sheets
<b>Color</b>	From clear to black as required
<b>Odor</b>	Odorless
<b>Change of State</b>	Softening point: >70°C Glass transition temperature: approx. 80°C Ignition temperature: >400°C Density: 1.25-1.45 g/cm <sup>3</sup>
<b>Solubility of PVC</b>	N/A
<b>Fire Supporting Properties</b>	N/A
<b>pH Value</b>	N/A
<b>Viscosity</b>	N/A

## Section 10- Stability and Reactivity

<b>Chemical Stability</b>	This product is stable
<b>Conditions to Avoid</b>	Overheating

## Section 11- Toxicological Information

<b>Effects of Acute Exposure</b>	No specific data
<b>Effects of Chronic Exposure</b>	No specific data
<b>Irritancy of Product</b>	No specific data
<b>Skin Sensitization</b>	No specific data
<b>Toxicity to Humans</b>	No testing has been done on the toxicity of this product to humans. This product is not expected to be toxic to humans
<b>Toxicity to Animals</b>	No testing has been done on the toxicity of this product to animals. This product is not expected to be toxic to animals
<b>Carcinogenic</b>	No specific data
<b>Mutagenicity</b>	No specific data

## Section 12- Ecological Information

<b>Eco-toxicity</b>	Not expected to be eco-toxic
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## Section 13- Disposal Consideration

Dispose of according to Federal, State and Local regulations. PVC can be recycled in many markets. Please check with your local waste management.

## Section 14- Transport

No hazardous material according to transport regulations (ADR, RID, ADNR, IMDG, IATA).

## Section 15- Regulatory Information

*This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by CPR.*

## Section 16- Other Information

<b>Last Revision Date</b>	4/12/2018
<b>Preparation Date</b>	4/12/2018
<b>Prepared By</b>	Synergy Thermal Foils
<b>Disclaimer/ Statement of Liability</b>	<i>To the best of our knowledge, the information contained herein is accurate. However, neither the above named manufacturer nor any of its subsidiaries assumes liability whatsoever for accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.</i>