



1. Identification of the Preparation and of The Company	
Product Name and/or code:	Shrink Film
Effective Date:	8/1/2014
Manufacturer:	Grafix Inc. 5800 Pennsylvania Ave. Maple Heights, OH 44137 US
Information Contact:	216-581-9050 ; www.grafixarts.com
Emergency Contact:	216-581-9050.
Product Use:	Art material and Industrial use
Regular Shrink Film	Clear and Sanded Film Matte Film Black Film White Film Color Assortment
Inkjet Printable Shrink Film	Clear and White
2. Hazards Identification	
<i>Classification of the Product:</i>	Non-Hazardous
Regulation (EC) No. 1272/2008	Not classified as dangerous for supply/use.
Directive 67/548/EEC & Directive 1999/45/EC	Not classified as dangerous for supply/use.
Export and Import of Dangerous Chemicals Regulation	This product and its ingredients are not listed in the Annex I of the regulation.
<i>Label Elements</i>	No special requirements are applicable.
Precaution Statement:	No special requirements are applicable.
First Aid Statement	Refer to Section 4
Children's Statement	None required.
Information pertaining to particular dangers for man and environment.	This product has not been classified as dangerous according to OSHA Hazard Communication Standard (29 CFR 1910.1200)
3. Composition/Information on Ingredients:	
Substances:	Mixture
Mixture of the following chemicals:	Proprietary Ingredients
<i>Risk and Safety Phrases:</i>	
Ingredients are marked according to CLP Regulation (CLP-Regulation (EC) No 1272/2008) and according to DSD (Dangerous Substances Directive (67/548/EEC)) and DPD (Dangerous Preparations Directive (1999/45/EC)) and no workplace-related occupational exposure limits are specified for any of the listed ingredients. These ingredients are regarded as trade secrets.	
4. First Aid Measures	
Inhalation	Not applicable
Skin Contact	There are no adverse effects anticipated.
Eye Contact	There are no adverse effects anticipated.
5. Firefighting Measures	
Extinguishing Media	Water, foam, carbon dioxide or dry chemical equipment.



Flashpoint/Flammability	Films can be combusted only by remaining in contact with flame. If flame source is stationary, the film will shrink away and self-extinguish. Film remaining in contact with flame can continue to burn slowly, dropping flaming liquid which can spread the fire.
6. Accidental Release Measures	
Environmental precautions	None.
Methods and Materials for Containment and Cleaning up	Not applicable to this kind of material.
7. Handling and Storage	
Safe Handling	Avoid extremes in high temperatures that may cause melting of the product.
Storage	Store away from heat and sources of ignition. Do not store in direct sunlight. Avoid prolonged storage in high or low temperatures. Recommended storage temperatures are 20 F to 100 F (-7°C to 38°C)
8. Exposure Controls/Personal Protection	
Exposure Limits	None known.
Respiratory and Ventilation	Provide adequate ventilation.
Skin Protection	Wearing gloves may be required due to sharp edges and when film is in the molten phase.
Eye Protection	Safety glasses are recommended.
9. Physical and Chemical Properties	
Appearance	Solid Film (Sheets)
Physical State	Solid
Color	Clear or various colors
Odor	Neutral
Boiling Point	Not applicable
Melting Point	> 212 F
Freezing Point	Not available
State (pH)	Not applicable
Specific Gravity	>1 (Specific Gravity for water is 1)
Viscosity	Not Known
Flashpoint	Not available
Vapor Pressure	Not applicable
Vapor Density	Not applicable
Solubility in water	Not soluble
10. Stability and Reactivity	
Reactivity:	Not expected to be reactive.
Chemical Stability	Product is stable in typical situation and environment.
Conditions to Avoid	Avoid extremes in high temperatures.
Incompatible materials	Very reactive chemicals (strong acids)
Hazardous Decomposition	Carbon monoxide, carbon dioxide and various hydrocarbons.
11. Toxicological Information	
Health Effects	No specific acute health effects and no chronic health effects have been seen or are expected.

**12. Ecological Information**

Toxicity:	Not expected to be harmful to the environment.
Aquatic toxicity	No information available.
Persistence and degradability	Not biodegradable.
Bio accumulative potential	No information available.
Mobility in soil	No information available.
Additional ecological information	No information available.

13. Disposal Considerations

Dispose of all waste material in accordance with all applicable federal, state and local regulations for the disposal of aqueous polymer wastes.

14. Transport Information

UN-NUMBER	Not applicable
DOT, ADR, IMDG, IATA	Not applicable
UN proper shipping name	Not applicable
DOT, ADR, IMDG, IATA	Not applicable
Transport hazard class(es)	Not applicable
DOT, ADR, IMDG, IATA	Not applicable
Class	Not applicable
Label	Not applicable
Packing Group	Not applicable
DOT, ADR, IMDG, IATA	Not applicable
Environmental Hazards	Not applicable
Special precautions for user	Not applicable
Transport in bulk according to Annex II of Marpol73/878 and the IBC Code.	Not applicable

15. Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture.	
SARA	Not applicable.
Section 355 (extremely hazardous substances)	
Section 313 (Specific toxic chemical listing)	
TSCA (Toxic Substance Control Act)	All ingredients are listed.
<i>Proposition 65</i>	
Chemicals known to cause cancer	None of the ingredients are listed
Chemicals known to cause reproductive toxicity for females	None of the ingredients are listed
Chemicals known to cause reproductive toxicity for males	None of the ingredients are listed
Chemicals known to cause developmental toxicity	None of the ingredients are listed
Carcinogenicity categories	
EPA (Environmental Protection Agency)	None.
TLV (Threshold Limit Value established by ACGIH)	None.
MAK (German Maximum Workplace Concentration)	None.
NOISH-Ca (National Institute for Occupational Safety & Health)	None.
OSHA-Ca (Occupational Safety & Health Administration)	None.

**16. Other Information**

Reason for Issue: Comprehensive GHS SDS for product line

Prepared by: Rudolph J. Jaeger, Ph.D., DABT, ERT (UK)
Chief Toxicologist and President
ENVIRONMENTAL MEDICINE, INC.
263 CENTER AVENUE
WESTWOOD, NJ 07675
jaegerr@envmed.com
201-666-7929 x13

The information contained in this Safety Data Sheet was compiled using the latest and most reliable information available to GRAFIX, INC. The information is provided without any warranty, express or implied regarding its correctness or accuracy nor will GRAFIX, INC. assume any liability for any loss or damage arising out of the use of this information including without limitation direct or indirect losses or expenses. To the extent permitted by law, no warranty express or implied regarding the product described herein shall be created by or inferred from any state or omission for this SDS. It is solely the responsibility of the user to determine safe conditions for use of this product and to assume liability for any loss, damage or expense whatsoever arising out of the product's improper use.