

MATERIAL SAFETY DATA SHEETS

Material trade name: **STRIPFLOCK**

Made of: flocked PVC film
modified polyester thermo adhesive film
thermo stabilized polyester film

1. MANUFACTURER Siser North America
(866) 301-9409
Hours of Operation: 8-5pm EST

2. COMPOSITION / INFORMATION ON INGREDIENTS

Flocked PVC film PVC resins
 Plasticizer on phthalate base (phthalates)
 organic and inorganic pigments free from aryl amines
 Viscose textile fibres

Thermo adhesive film modified polyester

Thermo stabilised film polyester

3. HAZARD IDENTIFICATION

Materials are supplied in toxicological inert film rolls. No health nor chemical hazards for humans and environment are known when handled and exposed to room temperature. Combustible materials : keep away from open flames. When heated over flammability temperature may form flammable mixtures or cause fire.

The substance decomposes producing toxic and flammable fumes (see point 10). Material may accumulate static electricity.

4. FIRST AID MEASURES

Due to the film structure of the product, no special measure is required.

No risk of inhalation during the normal manufacturing process. In case of vapor or gas generated by very high temperatures remove casualty to fresh air and seek medical advice.

No risks of skin contact during the normal handling. In case of skin contact with molten film, cool immediately with ice or cold water and seek medical advice to treat the burn.

If swallowed can be irritating to gastro-intestinal tract. Seek medical advice.

5. FIRE-FIGHTING MEASURES

Fire devices: atomised water, chemical fire foam, dry-extinguisher, CO₂. In case of fire, it generates smoke that may contain carbonic oxide, hydrochloride acid and hydrocarbons. In case of fire, put on breathing-apparatus.

6. ACCIDENTAL RELEASE MEASURES

The problem does not exist as materials are supplied in film. Pieces left on the floor may be slippery.

7. HANDLING AND STORAGE

No special precautions are necessary. In normal conditions components are stable. In order to prevent limbs from being crushed use common precautionary measures when handling the material. Store in dry room at 25° C. To prevent material quality loss avoid the storage under the sun, at high temperatures (50° C max.) or in wet conditions. Keep away from flammable products, liquids and heaters.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

In use, no special personal protection is required in normal processing as there are no exposure risks. In case of manufacturing in hot and non ventilated places, organic vapour may form. Suitable controls and eventually appropriate protective measures must be taken from the user.

9. PHYSICAL PROPERTIES

Aspect	Film in rolls	
Smell	none	
PVC film	melting point	> 200° C.
	flammability temperature	195° C.,
	decomposition temperature	> 250° C.
	high heat value	approx. 5000 Kcal/kg
	solubility in water	insoluble
	PH	indeterminable

self-extinguishing value:
no possibility of any fire danger in stock area as long as
there are no materials able to cause heat and flame.

Thermo adhesive film

melting arc	90-130° C - DSC Method
thermic decomposition	> 250° C 51584 DIN Method
burning point	> 250° C 51584 DIN Method
fire point	> 450° C 51794 DIN Method
density	approx. 1.20 g/cm ³ at 20° C.
solubility in water	insoluble
PH	indeterminable

Thermo stabilized film

Melting point	> 250° C.
decomposition temperature	> 250° C.
density	approx 1.40 g/cm ³
solubility in water	insoluble
flammability point	inapplicable

10. STABILITY AND REACTIVITY

When correctly handled and stored, components are chemically stable and inert with products of common use and they do not decompose. Over 260°C they may form vapours containing acetic acid and carbon monoxide.

11. TOXICOLOGICAL INFORMATION

With present information no harmful effects have been observed in a toxicological point of view. Oral and dermatological acute toxicity is very limited. Inhalation is to be excluded due to the film structure of the product. There is no information about local inflammation caused by eyes and skin contact with the material.

12. ECOLOGICAL INFORMATION

Materials are insoluble in water, they do not contribute to water pollution. Materials are not biodegradable.

13. DISPOSAL CONSIDERATIONS

Material is not included in any list of waste subject to special surveillance provided by the "special waste classification" regulation. In order to respect current local laws for inert waste, send to controlled refuse center or burn using a suitable incinerator.

14. TRANSPORT INFORMATION

The material is not dangerous according to national and international forwarding rules.

15. REGULATORY INFORMATION

No regulation about classification, packaging and identification according to the EEC Law no. 88/379/EEG and following changes. No danger labels required.

16. OTHER INFORMATION

Above directions are based on present information and experiences. They are given in good faith and are based on the most careful and liable up-to-date information at the date of the last revision.

The user has the responsibility of ascertaining the fitness and completeness of this information according to its particular use.