

RIGID METALLIZED TREATED PVC FILM

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MATERIAL SAFETY DATA SHEET

Introductory Details

Date of preparation: JAN.03,2014

SECTION 1:CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

1.1 Product Details

Product Name : Rigid Metallized Treated PVC Film
Trade Name : Rigid Metallized Treated PVC Film
Material Name : Metallized Treated Polyvinyl Chloride Film
Chemical Formula : Polyvinyl Chloride+Aluminum+Polyamide+Dye
Chemical Family : Metallized Treated Polyvinyl Chloride Film
Use :Decoration,Glitter Powder

1.2 Company Identingation

Manufacturer's Name and Address :NAN YA PLASTICS CORP.
201,TUNG HWA NORTH ROAD,
TAIPE,TAIWAN,REP.OF CHINA

Telephone Number : 886-2-27178212
Emergency Telephone Number : 886-2-27178212

1.3 Contact Point

Tel.No. :886-2-27178212
Note :The contact piont given should direct a caller to someone who can clarify information or provide further information and/or a bibliography of the product.The titles of a position or section should be inserted.

SECTION 2:COMPOSITION/INFORMATION ON INGREDIENT

Main ingredients: Polyvinyl chloride+Polyamide

Metal : Aluminum

Fillers : Dye

SECTION 3:PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: Solid,Sheet
Colour	: Silver,Colored
Odour	: Odourless
Solubility (in water)	: Insoluble
Boiling Point	: Not applicable
Melting Point(°C)	: Not applicable
Vapour Pressure(mm of Hg at 25°C)	: Not applicable
Percentage Volatiles	: Not applicable
Evaporation Rate	: Not applicable
Vapour Density	: Not applicable
Specific Gravity	: 1.30~1.40
Flash point(°C)	: Not applicable
Autoignition temperature	: None
Flammable limit(%)and other properties if applicable:	Not applicable

SECTION 4:HAZARD IDENTIFICATION

Health hazard

Inhalation : Combustion products may be irritant.

Skin contact : No evidence of irritant effects from normal handling and use. Sharp edges may cause cuts.

Eye Contact : Sharp off-cuts may cause eye damage.

Ingestion : Not applicable

Long Term Exposure: This material has been in use for many years with no evidence of adverse effects.

SECTION 5:FIRST AID MEASURES

- Ingestion : Unlikely to be required but,if necessary,treat symptomatically.
- Eye contact : Irrigate with eyewash solution or clean water,holding the eyelids apart.
- Skin contact : If symptoms develop,obtain medical attention.
- Inhalation : Remove patient from exposure
- Notes to physician : Only normally needed for thermal burns and following inhalation of smoke from burning material. Treat in the same way as other thermal burns and wood smoke inhalation.

SECTION 6:FIRE FIGHTING MEASURES

- Extinguishing media : Normal extinguishing media
- Fire fighting instruction: Combustible but not readily ignited. Thin films will shrink away from a heat source or flame. Persistent application of a flame will ignite the material. Burning is accompanied by melting and dripping which may cause the fire to spread.
- Combustion will evolve irritant vapours.

- Special Hazards : At complete combustion,the major products formed are carbon dioxide , carbon monoxide,HCl and water.
- (Eg.Explosion properties and explosion hazards in the presence of various chemicals.)

SECTION 7:ACCIDENTAL,RELEASE MEASURES

- Scrap film generated through processing, eg, slitting/shredding, should be swept up and disposed of in drums or plastic bags.

SECTION 8: HANDLING AND STORAGE

HANDLING

Thick gauges of film have very sharp edges which can easily cause cuts.

Process Hazards:

Static

In most processes in which there is movement of film (of any kind) over metal or other rollers, surface electrical charges develop on the film. Static charges should be eliminated or reduced as much as possible, since they provide a source of ignition for flammable vapours and gases or may give electrical shock to operators. Use either passive or active static eliminators to reduce the charges

Reeling

Machine design and work practices should be organised to remove the danger of trapping parts of the body, or clothing, in reeled materials and between the film and machinery parts.

Dusts

Operations which produce dusts (eg, stamping, tape slitting, cutting and grinding) should be controlled so that the appropriate standard for dusts is not exceeded.

Suitable respiratory equipment should be used in cases of insufficient ventilation or where operational procedures demand it.

Heating during processing

Extra care should be taken to prevent burns from contact with material.

All polymers degrade to some extent at their processing temperature, an effect which increases with increasing temperature, film shrinkage will occur - the degree shrinkage being time/temperature and grade related.

The exact quantity and nature of the degradation products varies with temperature, oxygen supply and process conditions. It is therefore impossible to be precise about which substances may be evolved. However, it is only the minor components which vary substantially. The major components are given in section 10. Appropriate control measures, such as ventilation, should be applied.

Storage:

Keep away from heat and sources of ignition.

Storage temperature: Ambient.

Exposure to extremes of heat and cold should be avoided.

Avoid extremes of humidity.

SECTION 9:EXPOSURE CONTROL AND PERSONAL PROTECTION

Unlikely to cause harmful effects under normal conditions of handling and use.
The following values apply to nuisance dust which may be formed during cold processing (eg, cutting, grinding, stamping).

SECTION 10:STABILITY AND REACTIVITY

Stability : Stable under normal conditions
Incompatibility (Materials to avoid): Strong oxidizing agent
Combustion products : Carbon dioxide, Carbon monoxide,HCl
Hazardous polymerization : Will not occur

SECTION 11:TOXICOLOGICAL INFORMATION

Toxicity Data : None
Carcinogenicity : None
Reproductive Effect : None
Effects of overexposure : None
Chronic effects : None
Target organs : None
Medical Conditions Generally Aggravated by exposure: None

SECTION 12:ECOLOGICAL INFORMATION

Mobility & : Will slowly degrade with exposure to UV light.
Bioaccumulation : No data available
Biodegradability : No data available
Aquatic toxicity : No data available

SECTION 13:DISPOSAL INFORMATION

WASTE DISPOSAL:

Land fill for waste disposal.

SECTION 14:TRANSPORT INFORMATION

Hazard Class:NONREGULATED

SECTION 15:REGULATORY INFORMATION

Follow all regulations in your country

SECTION 16:OTHER INFORMATION

For other technical information contact the address in Section 1.