MSDS—DTF Transfer Film

Section 1 - Chemical Product and Company Identification

Product Name: PET Film

Section 2 - Hazards Identification

Fatalness grade: /
Invasion route: Skin contact, eye contact, intake
Health hazards: No known significant effects or critical hazards
Environment hazards: No known significant effects or critical hazards
Burn & burst danger: The sample can be ignited.

Section 3 - Composition/Information on Ingredient

Pure
Admixture
Composition:

Chemical Name	Composition （ in% by weight ）	Chemical reaction	formula weight	CAS No.	EC No.
Poly (ethylene terephthalate)	100	$(C_{10}H_8O_4)n$	--	25038-59-9	306-812-2

Section 4 - First Aid Measures

Skin touch: Remove contaminated clothes and rinse the skin with plenty of water.
Eyes touch: Lifting the upper and lower eyelids, flush the eyes with plenty of water or saline water. Get medical aid.
Inhalation: Remove from exposure and move to fresh air immediately. Keep the respiratory tract smooth. Use oxygen if available. Get medical aid.
Ingestion: Drink sufficient hot water and induce vomiting. Get medical aid.

Section 5 - Fire Fighting Measures Danger

Characteristic: The sample can be ignited.
Hazardous combustion products: Nitrogen oxides Carbon monoxide Carbon dioxide.
Fire-Fighting method & media: use extinguish ant such as water, chemical dry powder, carbon dioxide dry power, bubble to put out the fire.

Section 6 - Accidental Release Measures

Emergency treatment: It is suggested that the staff wear dust a respirators and dress in work clothes. Shut off the divulgence source as soon as possible. Prevent the spillage from flowing into restrictive spaces like the sewer and the drainage channel. A small amount of divulgence: clean off. Massive divulgence: recycle or transport to waste treatment place for handling.
Small leak: Cleaning.
Large leak: Recycle or transport to waste disposal site.

Section 7 - Handling and Storage

Handling:
Supply with sufficient partial air exhaust. The operating staff must have received special training and abide by the operating regulations. It is advised that the staff wear respirator, wear work clothes, and wear gloves. Keep away from the fire source, heat source, no smoking in the workplace. Avoid producing dust. Use an explosion-proof type ventilation system and device. Avoid contacting with oxidizer and strong acid. Equip with relevant types and quantities of extinguishment instruments and devices for divulgence handling. Empty the container which may include harmful material.

Storage:
Stored in a cool, ventilation of the treasury. Away from fire, heat source.With the oxidant and acid stored separately, avoid mixing the reservoir. Equipped with the appropriate variety and quantity of fire equipment. Storage areas should be equipped with emergency treatment equipment for leakage and suitable housing materials.

Section 8 - Exposure Controls, Personal Protection

Maximum admissible concentration: No standard yet.
Monitoring Method: /
Engineering Control: Provide a full line of wind.
Respiratory Protection: Wear a self-inhalation filter type dust respirator if the dust density exceeds in the air.
Eyes Protection: Generally do not need special protection.
Body Protection: Generally do not need special protection.
Hands Protection: Generally do not need special protection.
Other Protections: No smoking, dining, and drinking water in the workplace. Keep a good habit of hygiene.

Section 9 - Physical and Chemical Properties

Appearance: Transparent
Color: Transparent
Odor: No smell
Density: /
Boiling Point: No data
Melting Point: 254℃
Flashpoint: No data
Vapour pressure: No data
Solubility in water: Insoluble in water
Partition coefficient (n-octanol / water): No data.
Viscosity: Not applicable
PH Value: 7
Permission of solvent inhalation: No data.
Solubility: Insoluble in water
Ignition temperature: 400℃

Section 10 - Stability and Reactivity

Stability: Stable under normal temperature and pressure.
Distribution of Ban: Strong oxidizer, strong acid.
Conditions to Avoid: Not applicable.
Hazardous Polymerization: No data
Hazardous Decomposition Products: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11 - Toxicological Information

Acute Toxicity: No data.
Sub-acute and Chronic Toxicity: No data.
Irritation: No data.
Sensitization: No data.
Mutagenicity: No data.
Carcinogenicity: No data.
Others: /

Section 12 - Ecological Information

Eco-toxicity: No known significant effects or critical hazards.
Biodegradable: No applicable.
Non-biodegradable: No applicable.
Bioconcentration or biological accumulation: No applicable.
Other harmful effects: No known significant effects or critical hazards.

Section 13 - Disposal Considerations

Nature of waste: /
Waste disposal methods: Recycling
Attention abandoned: /

Section 14 - Transport Information

A number of dangerous goods: No applicable.
UN Number: No data.
Packaging Mark: No data.
Packaging Method: No data.
Transport Attentions: Examine whether the package of the containers are integrated and tightened closed before transport. No divulgence, no collapse, no precipitation, or no damage during the course of transportation. Don’t put the goods together with oxidizer, acid, and so on. The transport vehicle and ship must be cleaned and sterilized otherwise it is not allowed to assemble articles. During transport, the vehicle should prevent exposure, rain, and high temperature. For stopovers, the vehicle should be away from fire and heat sources. Don’t use devices and tools which can easily produce sparks for loading. When transported by sea, the assemble place should keep away from the bedroom and kitchen, and isolated from the engine room, power, and fire source. Under the condition of Road Transportation, the driver should drive in accordance with the regulated route, don’t

stopover in the residential area and congested area. No slipping up in railroad. According to the IMDG Code (inc Amdt 34-08) 2008 Edition, The sample is not regulated for the transport of dangerous goods.

Section 15 - Regulatory Information

Regulatory Information:

ISO 11014-2009 Safety data sheet for chemical products - Content and order of sections.
Regulation (EC) No.1272/2008 Classification, Labeling, and Packaging of Substances and Mixtures.
The International Maritime Dangerous Goods (IMDG) Code.

Section 16 - Additional Information

The above information is based on the data of which we are aware and is believed to be correct as of the data hereof. Since this information may be applied under conditions beyond our control and with which may be unfamiliar and since data made available subsequent to the data hereof may suggest modifications of the information, we do not assume any responsibility for the results of its use. This information is furnished upon a condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.