SECTION 1  PRODUCT AND MANUFACTURER INFORMATION

—Product Name : Clearnote™ Film Index
—Company : Taiwan Hopax Chemicals Mfg. Co., Ltd.
—Address : No.28, Hua Dong Road, Daillao,Kaohsiung 83162, Taiwan
—Section : Stick’N Division
—Contact : Telephone No. : 886-7-7887600
            Fax No. : 886-7-7887500
—Emergency Telephone : 886-2-23131112

SECTION 2  COMPOSITION / INFORMATION ON INGREDIENT

Components : (Percentage of weight)
—Poly-Propylene Film >70%~75%
    CAS No. : 9003-07-0
—Polyethylene Terephthalate <25%~30%
    CAS No. : 25038-59-9
—Water soluble semi-permanent adhesive : <0.4%
    Constituents Acrylic polymer, CAS No. : proprietary mixture,
—Release agent : <0.1%
—Dye : <0.1%

SECTION 3  HAZARDS IDENTIFICATION

HEALTH HAZARDS :
—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 of product has been in use for many years with no evidence of adverse effects.

Adverse human health effects : To our knowledge, this product does not present any particular risk.
SECTION 4  FIRST AID MEASURES

Although the product is not hazardous when used under normal environmental conditions, the following example may assist in cases where the product as a foreign object comes into contact with the human body.

—Eye contact : Thoroughly flush eyes with plenty of water. Seek medical attention if redness or irritation persists.

—Skin Contact : Wash affected area with soap and water. If signs develop, get medical immediately.

—Ingestion : Unlikely to be required but, if necessary, treat symptomatically.

—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 5  FIRE FIGHTING MEASURES

—Suitable Extinguishing Media:

Carbon dioxide（CO₂）
Powders（Dry chemicals）
Class B extinguishing agents

—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 vapors.

—Special Hazards :

At complete combustion, the major products formed are carbon dioxide and water. Some of the products of decomposition will also be present but at a concentration considerably less than carbon dioxide and water.

During incomplete combustion a range of products will be formed but mainly carbon dioxide, water and carbon monoxide.

(E.g. Explosion properties and explosion hazards in the presence of various chemicals.)
SECTION 6  ACCIDENTAL RELEASE MEASURES

—This product is solid and stable under normal conditions and no subject to accidental release.

SECTION 7  HANDLING AND STORAGE

—Handling :
    The product will not release or otherwise result in exposure to a hazardous chemical under normal use conditions.

—Storage :
    Keep away from heat and source of ignition.
    Exposure to extremes of heat and cold should be avoided. Avoid extremes of humidity.

SECTION 8  EXPOSURE CONTROLS / PERSONAL PROTECTION

—Engineering Controls :
    Not applicable.

—Respiratory protection :
    No any risk for using this product under normal conditions.

—Protective Gloves :
    No any risk for using this product under normal conditions.

—Eye and Face Protection :
    No any risk for using this product under normal conditions.

—Exposure Limit :
    Total dust : 10mg/m³ ( 8hr TWA )
    Respiratory dust : 5mg/m³ ( 8hr TWA )

SECTION 9  PHYSICAL/CHEMICAL PROPERTIES

—Physical state : Solid
—Colour : Matt
—Odour : None
—Flash Point : 440°C
—Boiling Point : Not applicable
—Melting Point : 255~260°C
—pH : Not applicable
—Autoignition temperature : No data available
—Solubility in water : Insoluble
—Weight % VOC : None
—Density : No data available
—Specific Gravity : 1.395~1.410
SECTION 10  STABILITY AND REACTIVITY

– Stability:
  Stable under normal conditions.

– Hazardous Polymerization:
  Hazardous Polymerization will not occur.

– Incompatibility:
  Strong oxidizing agent.

– Hazardous Decomposition:
  Carbon monoxide, carbon dioxide occur during combustion.

SECTION 11  TOXICOLOGICAL INFORMATION

Toxicity Data:

– None

Carcinogenicity:

– No carcinogenicity data available for this product.

Epidemiology:

– No epidemiology data available for this product.

Product as it is:

– Under normal conditions of use, no adverse effects to health have been occurred and none of the components is toxicity for this product.

SECTION 12  ECOLOGICAL INFORMATION

Mobility &:

The major material of the product will slowly degrade with exposure to UV light.

Chemical fate:

Not determined.

SECTION 13  DISPOSAL CONSIDERATIONS

Waste Disposal:

Waste material should be burned in a smokeless incinerator of high temperatures and long residence times, to enable complete combustion. To achieve this, the incinerator must have an afterburner which maintains the gases at a suitable temperature for 3 or 4 seconds.
SECTION 14 TRANSPORT INFORMATION

US DOT Classification:

- Proper Shipping Name: Not DOT Regulated
- Hazard Class: N
- UN/NA #: Not classified
- Packing Group: Not classified
- Required label(s): None
- Additional Info.: None

International Transportation Regulations:
Not regulated as dangerous goods.

SECTION 15 REGULATORY INFORMATION

Hazard Categories:
Fire Hazard – No  Pressure Hazard – No  Reactivity – No  Immediate Hazard – No  Delayed Hazard - No

Chemical Inventories:
This product is an article as defined by TSCA regulations, and is exempt from TSCA Inventory listing requirements.

SECTION 16 OTHER INFORMATION

The information in this Material Safety Data Sheet (MSDS) has been obtained from sources believed to be reliable. However, HOPAX provides no warranties, either expressed or implied, and we assume no responsibility for the accuracy and completeness of the data contained herein. Under various conditions, the ingredients may pose a lesser or greater hazard to different individuals. It is the user's responsibility to see that the data is complete for their use.