

Material Safety Data Sheet

version : 4

Original Date : 08/08/2007

Date : 12/03/2014

SECTION 1 PRODUCT AND MANUFACTURER INFORMATION

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

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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.)

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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

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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.

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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.