

MATERIAL SAFETY DATA SHEET

Date : 19th February 2013

SECTION I - MANUFACTUREER IDENTIFICATION

- 1) PRODUCT NAME : LG Hausys PVC Deco Foil
- 2) MANUFACTURER'S NAME : LG HAUSYS LTD.
- 3) ADDRESS :
 - .HEAD OFFICE : 16F, One IFC, 23 Yoido-Dong, Yeongdeungpo-Gu, Seoul, 150-876, Korea
 - .PLANT : 388, Mangyang-ri, Onyang-eup, Ulju-gun, Ulsan, 689-901, Korea
- 4) EMERGENCY TELEPHONE NO : 82 - 2 - 6930 - 0956

SECTION II - COMPOSITION / INFORMATION OF INGREDIENTS

This product is not classified as hazardous based on compositional information.

<u>Components</u>	<u>Weight %</u>	<u>CAS Number</u>
PVC Resin	55 ~ 80%	9002-86-2
Plasticizer	1 ~ 20%	MIXTURE
Pigment	5 ~ 10%	MIXTURE
Stabilizer & Additives	14 ~ 15%	MIXTURE

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

- 1) Boiling Point (F) : Not Applicable
- 2) Vapor Density (AIR = 1) : N / A
- 3) Solubility in water : Insoluble
- 4) Appearance and odor : Sheet state and negligible odor
- 5) Specific gravity (H₂ O = 1) : 1.3 ~1.4 g/cm³
- 6) Evaporation rate : N / A

SECTION IV - HAZARDS IDENTIFICATION

- 1) Flammable Effect : Hydrogenchloride Gas may be out during burn
- 2) Eye Contact : Product fines can cause mechanical irritation.
- 3) Skin Contact : Molten material will cause thermal burns.
- 4) Inhalation : Product fines may cause mechanical irritation.
- 5) Signs and Symptoms : Irritation as noted above.

SECTION IV - HAZARDS IDENTIFICATION

- 1) Eye Contact : Flush eyes with water if irritation occurs.
- 2) Skin Contact : Wash with cool water as quickly as possible.
Do not peel molten material from skin, before you see a physician for medical advices.
- 3) Inhalation : If you have some symptom, get fresh air and medical attention.
- 4) Ingestion : If swallowed, induce vomiting immediately. Call a physician.
- 5) Notes to physician : Treat symptomatically and supportively

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SECTION VI - FIRE-FIGHTING MEASURES

- 1) Flash Point and Method : Not Applicable
- 2) Extinguishing media : Use water fog, foam, dry chemical or CO2
- 3) Autoignition temperature : Not Applicable

Do not enter confined fire space without full bunker gear (helmet with face shield, bunker coats, gloves and rubber boots). Cool fire exposed containers with water.

SECTION VII - ACCIDENTAL RELEASE MEASURES

No accidental release expected due to solidity.

SECTION VIII - HANDLING AND STORAGE

- 1) Handling : Be careful to avoiding cut by foil edge.
- 2) Storage : Store in a cool, dry place. Keep container closed when not in use.

SECTION IX - EXPOSURE CONTROLS / PERSONAL PROTECTION

A. Engineering controls : Use local ventilation in case of foaming by heat.
No special equipment is usually needed when occasionally handling small quantities.
The following instructions are for bulk handling or where regular exposure in an occupational setting occurs without proper containment systems.

B. Personal protective equipment

- 1) Eye : Wear protective glasses to avoid eye ball injury.
- 2) Skin : Normally no special skin protection is necessary.
Wear the gloves to avoiding cut by foil edge.
- 3) Respirators : If there is a significant chance that dusts are likely to build up in the area where this product is being used, we recommend that you use a suitable Dust Mask.

SECTION X - STABILITY AND REACTIVITY

- 1) Chemical stability : Stable under normal temperature and pressure
- 2) Conditions to avoid : Incompatible materials
- 3) Incompatibilities with other materials : Avoid the igniter such as heat, spark.

SECTION XI - TOXICOLOGICAL INFORMATION

- 1) Reproductive or mutagenic hazard: Not Applicable
- 2) Carcinogenic: No information found
- 3) Ingestion : Expected to be a low ingestion hazard
- 4) Inhalation: Not Applicable

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SECTION XII - ECOLOGICAL INFORMATION

- 1) MOBILITY : No applicable
- 2) BIODEGRADABILITY : Not biodegradable

It may accumulate in the soil or water but will not cause long term problems as it is not available to biological systems.

SECTION XIII - TRANSPORTATION REQUIREMENTS

Avoid the direct sunlight, water contact and any igniter during transportation.

SECTION XIV - DISPOSAL CONSIDERATIONS

Discharge, disposal and incineration may be subject to national laws.
Physically & Chemically Recyclable

SECTION XV - REGULATORY INFORMATION

It is not classified as dangerous according to directives 67/548/EEC (dangerous substances), 1999/45/CE (dangerous preparations) and their amendments.

According to European legislation, it was not subject to the obligation to be registered in the European Inventory of Existing Commercial Chemical Substances (EINECS).

SECTION XVI - ADDITIONAL INFORMATION

The Source of Data: Korea Occupational Safety and Health Agency

The data in this Material Safety Data Sheet relates only to the specific materials designated herein and does not relate to use in combination with any other material or in any process.

Indicates updated section : This information is based upon technical information believed to be reliable. It is subject to revision as additional knowledge and experience is gained.

**LG HAUSYS LTD.
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