

MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: MEDISTEP ORIGIN

GENERAL USE: Floor covering

PRODUCT DESCRIPTION: Vinyl Flooring



MANUFACTURER'S NAME: LG Hausys, Ltd.

DATE PREPARED: April, 2, 2015

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One IFC, 10, Gookjegeumyoong-Ro, Yeongdeungpo-Gu,

TELEPHONE NUMBER FOR INFORMATION: 82-2-6930-0310

Seoul, 150-876, KOREA

EMERGENCY TELEPHONE NUMBER: 82-10-6930-0310

SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENTS	% (by weight)	CAS #	OSHA PEL	ACGIH TLV
PVC (Poly Vinyl Chloride)	40~50	9002-86-2	N/A	N/A
DOTP (Diocetyl Terephthalate)	15~25	6422-86-2	N/A	N/A
Calcium Carbonate	30~40	471-34-1	N/A	N/A

NOTES: This Material Safety Data Sheet is prepared to comply with the United States Occupational Safety and Health Administration (OSHA) Hazard Communication Standard (29CFR1910.1200).

SECTION 3 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Solid, contact with eyes may cause irritation. Hazard symbols for this product - Not classified. Risk- Not classified.

HMIS HAZARD RATINGS (0=INSIGNIFICANT, 1=SLIGHT, 2=MODERATE, 3=HIGH, 4=EXTREME)

HEALTH:0 FLAMMABILITY:1 PHYSICAL HAZARD:0

POTENTIAL HEALTH EFFECTS

INHALATION: Not expected

SKIN: Not expected

EYES: Contact with eyes may cause irritation.

INGESTION: Not expected

CARCINOGENICITY NTP? No IARC MONOGRAPHS? No OSHA REGULATED? No

SECTION 4 - FIRST AID MEASURES

INHALATION: Remove affected person to fresh air; if symptoms persist seek medical attention.

SKIN: Wash contacted area with soap and water; if irritation persists, seek medical attention.

EYES: Remove contact lenses. Flush eyes with clear running water; if irritation persists, seek medical attention.

INGESTION: Give two glasses of water for dilution; DO NOT induce vomiting; never give anything by mouth to an unconscious person; seek medical attention.

SECTION 5 - FIRE FIGHTING MEASURES

FLASH POINT (METHOD USED): Not applicable

FLAMMABLE LIMITS LEL: Not applicable UEL: Not applicable

AUTOIGNITION TEMPERATURE: Not determined

GENERAL HAZARDS: Product is self extinguishing

EXTINGUISHING MEDIA: Carbon dioxide, water, water fog, dry chemical, chemical foam

FIRE FIGHTING PROCEDURES: Firefighters must wear full facepiece self - contained breathing apparatus in positive pressure mode.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None

HAZARDOUS COMBUSTION PRODUCTS: Smoke, toxic fumes, oxides of carbon

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Not relevant

SECTION 7 - HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

Segregate from heat and spark.

Preserve product in drying and cool storage house.

Avoid physical impact.



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SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: Not relevant
 PERSONAL PROTECTION: Not relevant
 PROTECTIVE GLOVES: Not relevant
 EYE PROTECTION: Not relevant
 OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Not relevant
 WORK / HYGIENIC PRACTICES: Not relevant

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Solid floor covering	PHYSICAL STATE: Solid
SPECIFIC GRAVITY (WATER = 1): 1.4~1.7	SOLUBILITY IN WATER: Negligible
BOILING POINT: Not applicable	EVAPORATION RATE (Butyl Acetate = 1): Not applicable
VAPOR PRESSURE (mm Hg @ 20 degree C): Not applicable	VAPOR DENSITY (AIR = 1): Not applicable
pH: Not applicable	PERCENT VOLATILE BY WEIGHT (30 min. @ 275 degree F): Not applicable

SECTION 10 - STABILITY AND REACTIVITY

STABILITY: Stable
 CONDITIONS TO AVOID: Stable
 INCOMPATIBILITY (MATERIALS TO AVOID): Stable
 HAZARDOUS REACTIONS: Will not occur
 HAZARDOUS POLYMERIZATION: Will not occur
 HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Decomposition will not occur if handled and stored properly. In case of a fire, oxides of carbon, hydrocarbons, fumes, and smoke may be produced.

SECTION 11 - TOXICOLOGICAL INFORMATION

Hazardous Ingredients	CAS #	LD50 of Ingredient (Specify Species and Route)	LC50 of Ingredient (Specify Species)
Calcium carbonate	471-34-1	6450 mg / kg (Oral, Rat)	Not established

SECTION 12 - ECOLOGICAL INFORMATION

No data are available on the adverse effects of this material on the environment.

SECTION 13 - DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Dispose of as a non-hazardous solid in accordance with Local, State, and Federal Regulations. Consult your local, state, or Federal Environmental Protection Agency before disposing of any chemicals.

SECTION 14 - TRANSPORT INFORMATION

PROPER SHIPPING NAME: Not Regulated	IATA HAZARD CLASS / Pack Group: Not regulated
DOT HAZARD CLASS / Pack Group: Not regulated	IMDG HAZARD CLASS: Not regulated
UN / NA IDENTIFICATION NUMBER: None	RID/ADR Dangerous Goods Code: Not regulated
HAZARD SYMBOLS: None	UN TDG Class / Pack Group: Not regulated

SECTION 15 - REGULATORY INFORMATION

TSCA (Toxic Substance Control Act): Components of this product are listed.
 U.S. FEDERAL REGULATIONS: Not Applicable
 SARA 313 Reportable Ingredients: None reportable

SECTION 16 - OTHER INFORMATION

No specific notes

The information contained herein is believed to be accurate but is not warranted to be so. Data and calculations are based on information furnished by the manufacturer of the product and manufacturers of the components of the product. Users are advised to confirm in advance of need that information is current, applicable and suited to the circumstances of use. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed. Any questions regarding this product should be directed to the manufacturer of the product as described in Section 1.

