



MATERIAL SAFETY DATA SHEET

S-LAND Whiteboard Marker Ink (SL-MI)

SECTION 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

COMPANY IDENTIFICATIONS-LAND CO.,LTD
NO.295-9 YEONGJANG-RI,GWANGTAN-MYEON
PAJU-CITY,GYEONGGI-DO,KOREA
PRODUCT NAMES-LAND WHITEBOARD MARKER INK (SL-MI)
PRODUCT USEWHITEBOARD MARK PEN INDUSTRY
MATERIAL USEPigment Type

SECTION 2 COMPOSITION / CHEMICAL CHARACTERIZATION

CHEMICAL CHARACTERIZATION

Mixture of the following substances,containing non-hazardous substances and colouring agents.

COMPONENT	CAS NUMBER	PERCENTAGE	
Pigment Green	1328-53-6	2~10%	
Pigment Red	82632-65-5	2~10%	
Yellow 139	36888-99-0	1~5%	
alcohol	64-17-5	20~50%	
Water	67-63-0	30~50%	

DESCRIPTION Mixture of the substances listed below with nonhazardous additions
DANGEROUS COMPONENTS Void
ADDITIONAL INFORMATION For the wording of the listed risk phrases refer to section 16.

SECTION 3 HAZARDS IDENTIFICATION

INFORMATION OF NOXIOUSNESS AND EMERGENCY HAZARD Not hazard
INFLUENCE FOR EYE It can take possibility some stimulate for eye
INFLUENCE FOR SKIN Contact of a long time is to give stimulation in skin
INFLUENCE OF INHALATION It can take adverse reaction possibility in a nose & neck

SECTION 4 FIRST AID MEASURES

INHALATION If inhaled, move to fresh air. Consult doctor in case of complaints.
EYES Flush eye with flowing water until no evidence of chemical remains.
SKIN Generally the product does not irritate the skin.
INGESTION If swallowed, dilute with water and induce vomiting. Get medical attention immediately.

SECTION 5 FIRE FIGHTING MEASURES

Suitable extinguishing media , No special measures required:

SECTION 6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTION Clean up with appropriate personal equipment (see Section 8)
ENVIRONMENTAL PRECAUTIONS Scoop or sweep & transfer into a closed container.
ADDITIONAL INFORMATION No dangerous substances are released.

SECTION 7 HANDLING AND STORAGE

HANDLING Information for safe Handling: No special measures required.
STORAGE Stored in cool dry place, keep container tightly closed.

SECTION 8 EXPOSURE CONTROLS, PERSONAL PROTECTION

RESPIRATORY PROTECTION Local exhaust ventilation Air purifying respirator
HAND AND PROTECTION Rubber gloves
EYE PROTECTION Safety goggles

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE Uniform liquid
ODOR Characteristic
PH 4.5±1.5
BOILING POINT 100 °C
MELTING POINT Not application
FLASH POINT Not applicable
SOLUBILITY IN WATER Insoluble in water
OXIDISING PROPERTIES None
VAPOR PRESSURE 3.452mmHg(100 °C)
RELATIVE DENSITY 1.59(air:1)
SOLUBILITY FAT Soluble in organic solvents

SECTION 10 STABILITY AND REACTIVITY

STABILITY AND REACTIVITY Stable under normal condition of storage and use
HAZARDOUS REACTIONS None
HAZARDOUS DECOMPOSITION None

SECTION 11 TOXICOLOGICAL INFORMATION

ACTUAL ORAL TOXICITY LD50(rat) No data available
SKIN IRRITATION/ RABBIT/ DRAIZE TEST No data available
IRRITATION OF MUCOUS/ RABBIT EYES/ DRAIZE TEST No data available

SECTION 12 ECOLOGICAL INFORMATION

GENERAL NOTES: Generally not hazardous for water

SECTION 13 DISPOSAL CONSIDERATIONS

Ensure that disposal is in compliance with local, national regulations.

SECTION 14 TRANSPORT INFORMATION

GGV IMDG CODE None
ICAO/IATA~DGR Not restricted
UN No. Not restricted
RID/ADR None

SECTION 15 REGULATORY INFORMATION

No data available

SECTION 16 OTHER INFORMATION

NOTE: This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.