



Material Safety Data Sheet

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This MSDS is provided as a courtesy in response to customer request.

This product is not regulated under OSHA's Hazard Communication Standard (29 CFR 1910.1200) and does not require an MSDS for this product because it does not present a health and safety hazard when used as recommended or under normal conditions.

However, use or processing of the product not in accordance with product recommendations or not under normal conditions may affect its performance and may present potential health and safety hazards.

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: HERSAN Raised Pavement Marker Series H-05
MANUFACTURER: HERSAN HI TECH, S.A.P.I. de C.V.
ADDRESS: Avenida del Zapatero No. 106, León, Guanajuato, MX 37290
DOCUMENT DATE: October 2019

PRODUCT APPLICATIONS:

Intended Use: Standard (Non-plowable) Raised Pavement Marker

Specific Use: Standard (Non-plowable) Raised Pavement Marker

SECTION 2: CHEMICAL COMPOSITION

<u>INGREDIENTS</u>	<u>C.A.S. No.</u>	<u>% by Wt</u>
Lenses: Polycarbonate	Unknow	99 - 100
Body: ABS Body	Unknow	99 - 100

SECTION 3: RISK IDENTIFICATION

3.1. GENERAL EMERGENCIES

Specific physical shape: Solid

Odor and color: Odorless, various colors available

Immediate risks to health, physical and environmental:

The properties of this product represent a low environmental impact. This product, when used under reasonable conditions and in accordance with HERSAN USA™, recommendations for use, does not represent a health risk. However, the use of this product in a manner other than as recommended for its use may affect the performance of the product and may result in potential health and safety hazards.

3.2. POTENTIAL HEALTH EFFECTS

EYES CONTACT: Not applicable, but if contact occurs, irritation is likely. Signs/symptoms may include pain, red eyes, tearing and corneal irritation.

SKIN CONTACT: Not applicable, but if contact occurs, wash affected area with soap and water; if signs/symptoms persist, get medical attention.

INHALATION: Not applicable, so no first aid is foreseen.

INGESTION: Not applicable, so no first aid is foreseen.

3.3. POTENTIAL ENVIRONMENTAL EFFECTS

This product does not contain metals or other RCRA (Resource Conservation and Recovery Act) listed TCLP (Toxic Solvent Characteristics Procedure) hazardous substances in concentrations that would render the product a hazardous waste.

SECTION 4: FIRST-AID MEASURES

4.1. FIRST AID PROCEDURES

The following first aid recommendations are based on the assumption that proper personal and industrial hygiene practices are followed.

EYES CONTACT: Flush eyes with copious amounts of water, if signs/symptoms persist, get medical attention..

SKIN CONTACT: Wash affected area with soap and water; if signs/symptoms persist, get medical attention.

INHALATION: Not applicable, so no first aid is foreseen.

INGESTION: Not applicable, so no first aid is foreseen.

SECTION 5: FIRE SAFETY MEASURES

5.1. FLAMMABLE PROPERTIES

Auto-ignition temperature: Data not available

Flash point: Not applicable

Flammable limits – LEL: Not applicable

Flammable limits – UEL: Not applicable

OSHA Flammability classification: Not applicable

5.2 MEANS FOR FIRE EXTINCTION

Ordinary combustible material. Use type A fire extinguishers as extinguishing agents (e.g. foam, water). Use type B fire extinguishers as extinguishing agents (e.g., dry chemical, carbon dioxide).

5.3 FIREFIGHTING PROTECTION

Special Fire Procedures: Wear full protective equipment and self-contained breathing apparatus.

Unusual fire or explosion hazard: No unusual explosion or hazard anticipated.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Accidental Release Action: Not applicable.

SECTION 7: HANDLING & STORAGE

7.1. HANDLING:

Avoid breathing dust created by cutting, sanding, grinding, or machining. Under normal conditions of use, this product is not considered to release or result in exposure to a chemical.

7.2. STORAGE

Store indoors in a cool dry area.

SECTION 8: EXPOSURE CONTROL / PERSONAL PROTECTION

8.1. ENGINEERING CONTROLS

Use with adequate ventilation. Provide proper ventilation for cutting, grinding, sanding or machining.

8.2. PERSONAL PROTECTIVE EQUIPMENT (PPE)

- 8.2.1. Eye / Face Controls:** Avoid eye contact.
- 8.2.2. Skin protection:** Required gloves.
- 8.2.3. Breathing protection:** Under normal conditions, exposure is not expected to be significant enough to require respiratory protection. Avoid breathing dust generated when cutting, sanding, grinding, or machining.
- 8.2.4. Swallowing prevention:** Not applicable.

8.3. EXPOSURE GUIDE

None established.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Specific physical form:	Solid
Odor, color, grade:	Odorless, various colors available.
General Physical Form:	Solid
Auto-ignition temperature:	Data not available
Flash point:	Not applicable
Flammable limits – LEL:	Not applicable
Flammable limits – UEL:	Not applicable
Boiling point:	Data not available

Vapor density:	Data not available
Steam pressure:	Data not available
Specific gravity:	Data not available
pH:	Data not available
Melting point:	Data not available
Water soluble	Not applicable
Evaporation rate:	Not applicable
Volatile organic compounds:	Not applicable
Volatile percentage:	Not applicable
VOC minus H2O and exempt solvents:	Not applicable
Viscosity:	Not applicable

SECTION 10: STABILITY AND REACTIVITY

Stability:	Stable
Materials and conditions to avoid:	None known
Hazardous polymerization:	Will not occur

Dangerous Decomposition

<u>Substance</u>	<u>Condition</u>
Aldehydes	During combustion
Hydrocarbons	During combustion
Carbon Monoxide	During combustion
Carbon Dioxide	During combustion
Nitrogen Oxide	Not specified

Dangerous Decomposition:

Under recommended conditions of use, hazardous decomposition products are not expected. Hazardous decomposition products may occur as a result of oxidation, heating or reaction with other material.

SECTION 11: TOXICOLOGICAL INFORMATION

Please contact the address listed on the first page of the MSDS for toxicological information on this material and/or its components.

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: Not applicable

CHEMICAL FATE INFORMATION: Not applicable

SECTION 13: DISPOSAL CONSIDERATIONS

Water Elimination Method: Dispose of in a sanitary landfill. As a disposal alternative, incinerate in an industrial or commercial facility.

SECTION 14: TRANSPORT INFORMATION

Please contact the MSDS emergency numbers listed on the first page for information on transporting this material.

SECTION 15: REGULATORY INFORMATION

FEDERAL INFORMATION

IN THE UNITED STATES: For more information contact Hersan USA™.

311/312 Danger Categories:

Fire hazard	No
Pressure hazard	No
Reactivity hazard	No
Immediate hazard	No
Delayed hazard	No

CHEMICAL INVENTORIES: This product is an article defined by TSCA regulations and is exempt from the requirements listed in the TSCA inventory listing. For further information contact Hersan USA™.

REGULATIONS INTERNATIONAL: For further information contact Hersan USA™.

SECTION 16: REGULATORY INFORMATION

NFPA Hazard Rating

Health:	0
Flammable:	0
Reagent:	0
Special Risks:	None

The National Fire Protection Association (NFPA) has hazard classifications designed for use by emergency personnel to address the hazard posed by short-term acute exposure to a material under conditions of fire, spill, or similar emergencies. The hazard classification is based primarily on the inherent physical and toxic properties of the material, but also includes the toxic properties of combustion or decomposition products known to be generated in significant quantities.

Reason for reissue: Changing state - ordinary combustible material

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