

1. IDENTIFICATION OF THE PRODUCT AND THE COMPANY

Product Name: StyroCal™ HP

Chemical Characterization: Pelletized Calcium Carbonate

Supplier: Heritage Plastics, Inc.
1002 Hunt Street
Picayune, MS 39466

Emergency Contact: (601) 798-8663

Revision Date 4/18/2008

2. COMPOSITION, INFORMATION ON INGREDIENTS

Hazardous Components: None

3. HAZARDS IDENTIFICATION

Emergency Overview: Low hazard for industrial or commercial handling

Principle routes of exposure: Low risk of entry in present form

Skin contact: Low risk of contact in present form

Eye contact: Low risk of contact in present form

Inhalation: Low risk of entry in present form

Ingestion Ingestion is not expected to occur. May act as an obstruction if swallowed.

4. FIRST AID MEASURES

Skin Adsorption: Prolonged skin exposure is not likely to result in absorption

Skin Contact: Not likely to cause injury to skin via contact in present form

Eye Contact: Not likely to be an eye hazard in present form

Ingestion: Not likely to be ingested in present form

Inhalation: Not likely to be inhaled in present form

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media:: Use dry chemical foam, carbon dioxide or water spray

Flash point, °F: > 600°F

Flash point, °C: >300°C

NFPA: Health – 1, Flammability – 1, Instability – 0

HMIS: Health – 1, Flammability – 1, Instability – 0

Hazardous Combustion Products: Oxides of nitrogen and carbon

6. ACCIDENTAL RELEASE MEASURES

General Procedures: Contain and collect spill via sweep, vacuum, etc and discard
Disposal: Bury in landfill or burn in adequate incinerator in accordance with local state and federal regulations

7. HANDLING AND STORAGE

Handling: Minimize dust generation; use with adequate ventilation
Shelf Life: 12 months
Storage: Keep dry; store at ambient temperatures

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Engineering measures to reduce exposure: Occasionally during product transfer and conveying, fine dust can be generated. Use ventilation to minimize exposure to airborne contaminants.

Personal Protective Equipment

Respiratory: None needed; however, if dust is generated during handling, wear appropriate respiratory protection to minimize exposure
Skin: None needed
Eye: Wear eye protection to minimize mechanical injury
Work/Hygiene Practices: Low hazard. Wash before eating, drinking and smoking.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Solid pellet, approximately 4-5 MM in diameter
Color: Grayish white
Odor: None
Melting Point, °F: >205°F
Melting Point, °C: >96°C
Specific Gravity: 1.70 – 2.10 g/cc
Solubility: Insoluble

10. STABILITY AND REACTIVITY

Chemical Stability: Stable
Conditions to avoid: Avoid storing near high heats or flame
Hazardous Decomposition Products: None
Hazardous Polymerization: No

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Local Effects: None
Specific Effects: None

12. ECOLOGICAL INFORMATION



Material Safety Data Sheet

Environmental Data: Not expected to be a hazard to environment in present form

Ecological Comments: Prevent wildlife from ingesting by cleaning up spills

13. DISPOSAL CONSIDERATIONS

Product Disposal: Sweep up spills and place in suitable containers for either recycle or disposal – both in accordance with appropriate local, state, and federal regulations

14. TRANSPORT INFORMATION

Shipping Name: Pelletized Calcium Carbonate
Hazard Class: Not regulated
UN/NA Identification: Not available
DOT: Not regulated for transport
TDG: Not regulated for transport
IMO/IMDG: Not regulated for transport
ICAO: Not regulated for transport
ADR/RID: Not regulated for transport

15. REGULATORY INFORMATION

Individual Components:
Calcium Carbonate CAS # 1317-65-3
Modified Polystyrene CAS# 9003-53-6
Polystyrene CAS# 100-42-5

16. OTHER INFORMATION

THE INFORMATION CONTAINED HEREIN IS GIVEN IN GOOD FAITH, BUT NO WARRANTY, EXPRESSED OR IMPLIED, IS OFFERED.