SECTION 1. PRODUCT IDENTIFICATION

Product identifier used on label	**Carbonyte H-25, CarbonPlex H-25 SS1HH, H-25**
Material Uses	Asphalt Sealer
Product Type	Liquid until dry, then solid
Chemical name	Rubber Polymer Modified Asphalt Emulsion
Product Class	Asphalt and Pavement Maintenance Coatings & Adhesives

Recommended use and restrictions:

Identified uses	Liquid Sealant is filled with an engineered hydrocarbon additive which is an asphalt derived, emulsified, high molecular weight thermoplastic. It exhibits a high softening point, good low temperature ductility and excellent hydrolytic stability to a broad range of emulsion systems including; (trackless) tack coats, fog seals and seal coats.
Uses advised against	Not applicable
Reason	Not applicable

Supplier/Manufacturer	**Carbonyte Systems, Inc.** **3 Wayne Court Suite A, Sacramento, CA 95829** **Phone: 916-387-0316 Fax: 916-388-1359 www.carbonyte.com**
Emergency Information	**CHEMTREC 800-424-9300**

SECTION 2. HAZARDOUS IDENTIFICATION

CAS# Mixture **WARNING**

HMIS

Health	1
Flammability	0
Reactivity	0
Personal Protection Equipment	A

Hazard Statement:	**Possible Irritant to skin, mucous membranes, airways, lungs, eyes, stomach. No target organs affected.**
Classification:	**RESPIRATORY SENSITIZER: Category 1B** - *Dust from cured coating may provoke asthmatic response in persons with asthma or those who are sensitive to airway irritants*

Health Risks & Symptoms of Exposure:

SKIN & EYE:	Irritant to eyes and to the skin of some individuals. Wash skin with plenty of water; if splashed in the eye, flush with water for 15 minutes.
INGESTION:	Ingestion of this material is not expected to occur through normal use. Accidental ingestion of more than one ounce may cause irritation. Contact a physician should ingestion occur.
INHALATION:	Irritant to mucous membranes.
ACUTE & CHRONIC Health Hazards:	Dust from cured coating may provoke asthmatic response in persons with asthma or those who are sensitive to airway irritants.
Target Organs Affected:	No target organs have been identified to be affected by exposure to this product.
Substances Listed in State of California Proposition 65:	Mineral fillers may contain trace amounts of earth elements; which if isolated would be considered hazardous. Isolation not likely outside a laboratory environment.

SECTION 3: Composition/Ingredient Information

INGREDIENTS *	CAS NUMBER	% By Weight
Petroleum Asphalt	8052-42-4	<50
Organic Polymer Mixture	Proprietary	<10
Ground Tire Rubber	Proprietary	<10
Inorganic Fillers	Proprietary	<5
Water	Proprietary	<25

* The specific chemical identity and/or exact percentage (concentration) of this composition has been withheld as a Trade Secret.

SECTION 4: First Aid Measures

Inhalation If inhalation of vapors causes a perceived irritation of respiratory tract, remove victim to fresh air and seek medical advice

Skin Contact In the event of skin contact, wash skin with water and soap.

Eye Contact If splashed in eye, flush 15 minutes in eyewash and seek medical advice.

Swallowed If swallowed into stomach induce vomiting or aspiration. Call a physician

Most important symptoms and effects, both acute and delayed, see SECTION 2.

Indication of any immediate medical attention and special treatments required NOT APPLICABLE.

SECTION 5: Fire-Fighting Measures

Flammability Classification: OSHA: Not Regulated

Flash Point: None

Extinguishing Media: Liquid will not burn: may act as a fire suppressant or retardant.

Unusual Fire & Explosion Hazards: None

Special Fire Fighting Procedures: Dried polymer burns under influence of outside flame source. By-products of combustion may include, carbon monoxide, traces of oxides of nitrogen, aliphatic and aromatic hydrocarbons and water. Wear positive pressure, self-contained breathing apparatus (SCBA) during fire or cleanup.

SECTION 6: Accidental Release Measures

Absorb spill with appropriate absorbent material such as sand, sawdust, clays, etc. Dike and contain spills; transfer liquid to containers for recovery or disposal. Do not dump in sewers, on ground, or into any body of water.

SECTION 7: Handling and Storage

This product is stable under normal use and storage conditions. Keep out of reach of children. Recommend storage at temperatures above 32°F - 100°F (0 - 38°C). Use with adequate ventilation.

SECTION 8: Exposure Control/Personal Protection

Occupational Exposure Limits

Ingredient Name	ACGIH TLV TWA STEL	OSHA PEL
Petroleum Asphalt	None	5 mg/m
Organic Polymer Mixture	None established	N/A
Ground Tire Rubber	None	N/A
Inorganic Fillers	None	N/A
Water	None	N/A

Respiratory Protection: Not required for outdoor application. If odors become noticeable or respiratory irritation occurs during application use NIOSH/MSHA approved respirator for organic vapors, at employee discretion.

Ventilation: Ensure adequate supply of fresh air at all times. If buildup of vapor causes irritation, use mechanical ventilation sufficient to eliminate the vapor which causes the irritation.

Protective Gloves: Nitrile rubber (Buna N) if required to prevent repeated or prolonged skin contact.

Eye Protection: Wear chemical goggles at all times when handling this product.

Other Protective Clothing or Equipment: Wear approved respirator, gloves, hat, shoes, and long-sleeved clothing to prevent contact with the material.

SECTION 9: Physical & Chemical Properties

Ingredient Name	Vapor Pressure
Petroleum Asphalt	<1mm Hg@25 C of water
Organic Polymer Mixture	n/a
Ground Tire Rubber	n/a
Inorganic Fillers	n/a
Water	n/a

Boiling Point: Of water
Evaporation Rate: Of water
% Volatile by Volume: 45%
Solubility in Water: Completely Soluble
Vapor Density: Lighter than air
Appearance/Odor: Flowable thixotropic black liquid, odor characteristic of asphalt

Density: 8.5 - 10.0 lbs./gal
pH: 5 - 12
SP. GR. ≥1.0
V.O.C.: Negligible

SECTION 10: Stability & Reactivity

Stability: X Stable ____ Unstable
Hazardous Polymerization: X Will Not Occur ____ May Occur
Hazardous Decomposition Products: Vapors may form carbon dioxide and carbon monoxide
Incompatibility: Strong oxidizers
Conditions to Avoid: Do not store at temperatures below 32°F – or above 100°F (0 - 38°C)

SECTION 11: Toxicological Information

Carcinogenicity: NTP? NO
IARC MONOGRAPHS? NO
OSHA REG.? NO

SECTION 12: Ecological Information

Do not dump in sewers, on ground, or into any body of water.

SECTION 13: Disposal Considerations

Waste Disposal Method: Dispose of in accordance with prescribed federal, state, and local regulations. State of California - completely dried residue may be disposed of in sanitary landfill. Disposal material is not a RCRA hazardous waste.

SECTION 14: Transport Information

DOT: Not Regulated

SECTION 15: Regulatory Information

U.S. Federal Regulations 311/312 Hazard Categories:

Fire Hazard: NO ***Reactivity Hazard:*** NO ***Delayed Hazard:*** NO
Pressure Hazard: NO ***Immediate Hazard:*** NO

TSCA: Ingredients in this product are certified for inclusion in the Toxic Substances Control Act of inventory of chemical substances.

OSHA: Product contains material as defined by 29CFR Paragraph 1910, 1200. Components of product are not listed by the National Toxicology Program, the International Agency for Research on Cancer, nor the Registry of Toxic Effects of Chemical Substances (1981-82) as a carcinogen.

SARA Title III: Product contains the following listed toxic chemicals which are subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA Title III) and 40 CFR, Part 372.

Listed Toxic Chemical	CAS #	Max % by Wt.

None	N/A	N/A

This SDS has been prepared to meet the U.S. OSHA Hazard Communication Standard, 29 CFR 1910.1200.

SECTION 16: Other Information

NFPA Hazard Classification

National Fire Protection Association (NFPA) hazard ratings are designed for use by emergency response personnel to address the hazards that are presented by short-term, acute exposure to a material under conditions of fire, spill, or similar emergencies. Hazard ratings are primarily based on the inherent physical and toxic properties of the material but also include the toxic properties of combustion or decomposition products that are known to be generated in significant quantities.

HMIS Hazard Classification

Health: 1 ***Flammability:*** 0 ***Physical Hazard:*** 0 ***Personal Protection:*** None

Hazardous Material Identification System (HMIS®III) hazard ratings are designed to inform employees of chemical hazards in the workplace. These ratings are based on the inherent properties of the material under expected conditions of normal use and are not intended for use in emergency situations. HMIS®III ratings are to be used with a fully implemented HMIS®III program. HMIS® is a registered mark of the American Coatings Association (ACA).

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For technical information regarding performance of this product, call CARBONYTE SYSTEMS, INC.at (916) 387-0316 or fax (916) 388-1359 or email at sales@carbonyte.com SDSs are available at www.Carbonyte.com