

**CHASE PIPELINE PRODUCTS**  
**TAPECOAT® / ROYSTON® DIVISIONS OF CHASE CORPORATION**  
**MATERIAL SAFETY DATA SHEET**

**Product:** Royston Handy Cap™

**1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

**MANUFACTURED BY:** CHASE CORPORATION PITTSBURGH  
201 ZETA DRIVE  
PITTSBURGH, PA 15238

**GENERAL INFORMATION:** (412) 828-1500

**EMERGENCY, CHEMTREC:** 800-424-9300, Only in the event of chemical emergencies involving a spill, leak, fire, exposure or any accident involving chemicals. Outside USA: (703) 527-3887

**REVISION DATE:** January 18, 2013

**PREPARED BY:** Dan Libby

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**2. COMPOSITION/INFORMATION ON INGREDIENTS**

**Hazardous Components**

The following hazardous ingredient are used to formulate this product. As supplied, this ingredient is bound in the mastic matrix. Because it is bound in the matrix, it is not expected to create any unusual hazards when handled and processed according to good manufacturing and industrial hygiene practices and the guidelines provided in this MSDS.

<u>CAS NUMBER</u>	<u>IDENTIFICATION</u>	<u>APP. % BY WGT.</u>
1333-86-4	Carbon Black	5

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**3. HAZARDOUS IDENTIFICATION**

**HAZARDOUS POLYMERIZATION:** Will Not Occur

**ROUTES OF EXPOSURE:** Inhalation, Skin, Eyes and Ingestion.

**IMMEDIATE EFFECTS:**

**INHALATION:** Due to the nature of the product, there is no inhalation hazard. Heated vapors may cause irritation of nasal passages and throat.

**SKIN CONTACT:** Normally not irritating. If rash develops or irritation persists, seek physician.

**EYE CONTACT:** If eye contact is made and irritation develops, contact physician.

**INGESTION:** Due to nature of product ingestion is not likely. If ingested, see physician.

**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:**

**ACCUTE:** Inhalation – exposure during hot process may cause respiratory. Eye or nose irritation.

**CHRONIC:** Inhalation – Long term exposure to concentrated hot processing fumes may reduce lung function and cause chronic bronchitis

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**4. FIRST AID MEASURES**

**GENERAL ADVICE:**

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**INHALATION:** Due to the nature of the product, there is no inhalation hazard. Heated vapors may cause irritation of nasal passages and throat. If a person breathes large amounts of heated product vapors, move the exposed person to fresh air at once. If breathing difficult, **GET MEDICAL ATTENTION.**

**SKIN CONTACT:** Normally not irritating. If rash develops or irritation persists, seek physician.

**EYE CONTACT:** Remove contact lenses. Flush eyes with large amounts of water, preferably lukewarm water, for at least 15 minutes. If irritation persists, **GET MEDICAL ATTENTION.**

**INGESTION:** Due to nature of product ingestion is not likely. If ingested, see physician.

**5. FIRE FIGHTING MEASURES**

**SUITABLE EXTINGUISHING MEDIA:** Foam, Carbon Dioxide or dry chemical. If entering a confined area, use self-contained breathing apparatus if applicable

**EXPLOSION DATA:**

**SENSITIVITY TO MECHANICAL IMPACT:** Stable.

**SENSITIVITY TO STATIC DISCHARGE:** Stable.

**6. ACCIDENTAL RELEASE MEASURES**

**PRECAUTIONS FOR PERSONNEL:** No special clothes are required, but do wear gloves.

**ENVIRONMENTAL PRECAUTIONS:** No special procedures normally needed.

**PROCESS FOR CLEANING:** Absorb with inert material. Remove sources of ignition. Scoop material with non-sparking tools.

**7. HANDLING AND STORAGE**

**HANDLING:** Avoid direct contact with product. No special ventilation required.

**STORAGE:** Store away from ignition sources and open flames.

**8. EXPOSURE RESTRICTIONS AND PERSONAL PROTECTION**

**MATERIALS WITH LIMITS THAT REQUIRE SUPERVISION:**

<u>CAS NUMBER</u>	<u>IDENTIFICATION</u>	<u>APP. % BY WGT.</u>	<u>NIOSH REL</u>	<u>VALUE</u>	<u>UNIT</u>
1333-86-4	Carbon Black	< 5	TWA	50	ppm

**ADDITIONAL ADVICE:** No special clothes are required, but do wear gloves.

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**9. PHYSICAL PROPERTIES**

<u>PROPERTY</u>	<u>VALUE/AREA</u>	<u>UNIT</u>	<u>METHOD</u>
ODOR:	AROMATIC		
FREEZING POINT:	N/A	°C	
BOILING POINT:	N/A)	°C (°F)	
FLASH POINT:	N/A	°C (°F)	TCC
IGNITION TEMPERATURE:			
SPECIFIC GRAVITY:	1.4	H <sub>2</sub> O = 1	
% VOLATILE BY VOLUME:	Nil	%	
SOLUBILITY IN WATER:	Insoluble		
PH VALUE:	N/A		
VISCOSITY:		CPS	
FLAMMABLE LIMITS:	LEL: N/A	UEL: N/A	
EVAPORATION RATE:	N/A	BUAC = 1	

**10. STABILITY AND REACTIVITY**

STABILITY:	Stable
CONDITIONS TO AVOID:	Open Flame.
MATERIALS TO AVOID:	None known
DECOMPOSITION PRODUCTS:	Carbon Monoxide, Carbon Dioxide and Oxides of Nitrogen.
EYES:	Remove contact lenses. Flush eyes with large amounts of water, preferably lukewarm water, for at least 15 minutes. If irritation persists, <b>GET MEDICAL ATTENTION.</b>
SKIN:	If solid product gets on the skin, wash the contaminated skin with soap and water. If irritation develops or persists after the area has been washed.
INHALATION:	If a person breathes large amounts of heated product vapors, move the exposed person to fresh air at once. If breathing difficult, <b>GET MEDICAL ATTENTION.</b>
CONSUMPTION:	If swallowed, call physician immediately. Only induce vomiting at the instructions of a physician. <b>DO NOT GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.</b>

**11. TOXICOLOGICAL INFORMATION**

<u>CAS NUMBER</u>	<u>IDENTIFICATION</u>	<u>DERMAL LD50</u>	<u>INAHALATION LC50</u>	<u>ORAL LD50</u>
1333-86-4	Carbon Black	N/E	27,000 mg/M <sup>3</sup> Rat Inhalation	> 8,000 mg/Kg Rat Ingestion

<u>CAS NUMBER</u>	<u>IDENTIFICATION</u>	<u>CARCINOGENICITY</u>		<u>TERATOGENICITY</u>	<u>MUTAGENICITY</u>
		<u>ACGIH</u>	<u>IARC</u>		
1333-86-4	Carbon Black	Yes	Yes 2B	Yes	N/E

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**12. ECOLOGICAL  
INFORMATION**

VOLATILE ORGANIC COMPOUNDS: 0 Grams Per Liter (g/l). 0 Pounds Per Gallon (lb/g).

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**13. DISPOSAL  
CONSIDERATIONS**

DISPOSAL METHOD: Disposal should be made in accordance with Federal, State and Local regulations.

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**14. TRANSPORT INFORMATION**

SHIPPING CLASS: Not Regulated

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**15. REGULATORY INFORMATION**

SARA SECTION 302:

SARA (311,312) HAZARD CLASS: SARA (313) CHEMICALS: NONE CERCLA: N/A

CPSC CLASSIFICATION:

HMIS: FLAMMABILITY: 0 REACTIVITY: 0 HEALTH: 1

NFPA: FLAMMABILITY: 0 REACTIVITY: 0 HEALTH: 1

CALIFORNIA PROPOSITION 65:

- A. This product contains a chemical known to the State of CA to cause birth defects or other reproductive harm.
- B. This product contains a chemical known to the State of CA to cause cancer.
- C. This product contains a chemical known to the State of CA to cause cancer and birth defects or other reproductive harm.

**16. OTHER INFORMATION**

THIS DATA IS OFFERED IN GOOD FAITH AS TYPICAL VALUES AND ARE NOT A PRODUCT SPECIFICATION. NO WARRANTY, EITHER EXPRESSED OR IMPLIED IS MADE. THE STATED RECOMMENDED HANDLING PROCEDURES ARE BELIEVED TO BE GENERALLY APPLICABLE. HOWEVER, EACH USER SHOULD REVIEW THESE RECOMMENDATIONS IN THE SPECIFIC CONTEXT OF THE INTENDED USE.

C = Ceiling Limit, NEGL = Negligible, N/A = Not Applicable, N/E = Not Established, PROP. = Proprietary.