

ROYSTON LABORATORIES DIVISION
CHASE CORPORATION
MATERIAL SAFETY DATA SHEET

Computer Code: Roskote R28 Rubberized Mastic.doc Date Prepared: February 27, 2004

SECTION I

PRODUCT NAME:	Roskote R28 Rubberized Mastic™
CLASS:	Resin/bitumen blend mastic
MANUFACTURER:	Royston Laboratories Division
TELEPHONE NO:	412/828-1500
ADDRESS:	128 First Street Pittsburgh, PA 15238
EMERGENCY ONLY TEL.#: 800-424-9300 OUTSIDE USA: 703-527-3887	To be used only in the event of chemical emergencies involving a spill, leak, fire, exposure, or accident involving chemicals.

NFPA 704 HAZARD RATING 4 = Extreme 3 = High 2 = Moderate 1 = Slight 0 = Minimal * = Chronic Health Hazard (see Sect. V)	HEALTH 2 FIRE 3 REACTIVITY 0
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NA = Not Applicable
NE = Not Established
UN = Unavailable

SECTION II - HAZARDOUS INGREDIENTS

	%	TLV	PEL	CAS #
Aromatic Oil	<5	5mg/M ^{3**}	NE	64742-04-7
Petroleum Hydrocarbon Resin	<5	5mg/M ^{3**}	NE	68955-36-2
Asphalt	35-45	5mg/M ^{3**}	NE	8052-42-4
Mica	<5	3mg/M ^{3*}	20mppcf	12001-26-2
Talc	5-15	2mg/M ³	2mg/M ³	14807-96-6
Toluene	25-35	100ppm	100ppm	108-88-3

* For respiratory dust
** Fumes for distillation

SECTION III - PHYSICAL DATA

BOILING POINT (°F.):	109-111°C. 229-232°F.	SPECIFIC GRAVITY (H ₂ O = 1):	1.14
VAPOR PRESSURE (MM Hg):	22mmHg @ 20°C.	PERCENT VOLATILE BY VOLUME (%):	41%
VAPOR DENSITY (AIR = 1):	3.1	pH:	NA
SOLUBILITY IN WATER:	Nil	EVAPORATION RATE (BuAC=1):	2.24
APPEARANCE AND ODOR: Viscous black liquid. Has aromatic hydrocarbon odor.			

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SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 38°F. TCC FLAMMABLE LIMITS: LEL: 1.2 UEL: 7.0

FLAMMABILITY CLASSIFICATION: OSHA: 1B DOT: Flammable Liquid

EXTINGUISHING MEDIA: ☒ Foam ☒ CO₂ ☐ Alcohol Foam
☒ Dry Chemical ☐ Water Fog ☐ Other

SPECIAL FIRE FIGHTING PROCEDURES: Do not use water, which may spread fire. Water may be used to cool exposed containers to prevent pressure build up. Wear complete fire service protection equipment, including full face OSHA/NIOSH approved self-contained breathing apparatus. Toxic vapors may be given off in a fire.

UNUSUAL FIRE AND EXPLOSION HAZARDS: This product is flammable. Store away from sources of heat and open flames. Vapor accumulation will flash or explode if ignited by spark or flame. Do not mix with strong oxidants. Use non-sparking tools in confined area.

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SECTION V- HEALTH HAZARD INFORMATION

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SYMPTOMS/EFFECTS OF OVEREXPOSURE:

ACUTE: Can cause severe eye irritation, redness, tearing, and blurred vision. Prolonged and repeated skin contact can cause moderate irritation, defatting and dermatitis. Excessive inhalation of vapors can cause nausea, respiratory irritation, central nervous system affects, including dizziness, weakness, fatigue, nausea, headache, and possible unconsciousness and even death. Swallowing can cause gastrointestinal irritation, nausea, vomiting, and diarrhea. Aspiration of material into lungs can cause chemical pneumonitis, which is fatal.

CHRONIC: Overexposure in laboratory animals has been found to cause the following affects: liver abnormalities, kidney damage, lung damage and spleen damage. Overexposure of this material has been suggested as a cause for liver abnormalities in humans.

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FIRST AID:

EYES: Flush with large amounts of water, lifting upper and lower lids occasionally. **Get Medical Attention.**

SKIN: Wash exposed areas with waterless hand cleaner, soap and water, or a mild detergent. Do not use solvents on skin as they may promote absorption of this material. Remove contaminated clothing. Launder contaminated clothing thoroughly before reuse. A medical person should examine the exposed area, if irritation or pain persists after washing.

INGESTION: Do not induce vomiting, keep warm, quiet, and **get medical attention**. Aspiration of material into lungs due to vomiting can cause chemical pneumonitis, which can be fatal. Give oxygen if respiration is shallow.

INHALATION: Remove from exposed area to fresh air immediately. If breathing is difficult, administer oxygen. If breathing has stopped, give artificial respiration. Keep person warm, quiet and **get medical attention**.

SECTION VI - REACTIVITY DATA

STABILITY: Stable. Hazardous polymerization will not occur. Material should be stored away from excessive heat and flames.

INCOMPATIBILITY: None

HAZARDOUS DECOMPOSITION PRODUCTS: Hazardous decomposition products will include fumes, smoke, carbon monoxide and various complex hydrocarbons during combustion.

SECTION VII - SPILL OR LEAK PROCEDURES

PROCEDURES: Eliminate all ignition sources (flares, flames, including pilot lights and electrical sparks.) Persons not wearing protective equipment should be excluded from the area of spill until clean up has been completed. Stop spill at source, dike area of spill to prevent spreading, pump liquid into salvage tank. Remaining material is to be taken up on sand, clay, earth, floor absorbent, or other absorbent material and shoveled into containers.

WASTE DISPOSAL METHOD: Dispose of material in accordance with federal, state and local regulations. Before attempting clean up, refer to hazardous information listed on this sheet.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY: Avoid breathing of vapor or spray mist. Use a OSHA/NIOSH approved respirator as required to prevent overexposure. In accordance with 29 CFR 1910.134, use either atmosphere supplied respirator or an organic vapor respirator.

EYEWEAR: Wear safety glasses or goggles to prevent eye contact.

CLOTHING/GLOVES: Wear gloves, or other protective clothing as required to minimize skin contact.

VENTILATION: Provide local exhaust ventilation in volume and pattern to keep TLV of all hazardous ingredients below acceptable limit. (Use explosion proof ventilation as required to control vapor concentration).

SECTION IX - SPECIAL PRECAUTIONS

Precautions to be taken in handling and storage: Keep away from heat, sparks and open flame. Keep containers closed when not in use. Use in adequate ventilation. Avoid prolonged or repeated inhalation of vapor and skin contact. Store in accordance with NFPA, state, local regulations. Use non-sparking type tools in confined areas.

SECTION 313 - SUPPLIER NOTIFICATION

This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and of 40 CFR 372:

<u>CAS #</u>	<u>CHEMICAL NAME</u>	<u>PERCENT BY WEIGHT</u>
108-88-3	Toluene	25-35%

This information must be included in all MSDS that are copied and distributed for this material.

Legal responsibility is assumed only for the fact that all studies reported here and all opinions are those of qualified experts.

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02/27/04
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