

Issue date: June 15, 2015

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Version 1

1. IDENTIFICATION OF THE SUBSTRATE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product identifier

Product Name Cop-R-Tite Mastic

Other means of identification

Product Code MASTIC, MTUBES

Details of the supplier of the safety data sheet

Manufacturer Address

York Manufacturing, Inc.

43 Community Drive

Sanford, ME 04021

Emergency telephone number

8 a.m. to 5 p.m. EST Monday-Friday 800-551-2828

Non-Business Hours 207-651-5738

2. HAZARD(S) IDENTIFICATION

Classification in accordance with paragraph (d) of 29 CFR 1910.1200.

Flammable Liquids - Category 2

Acute Toxicity - Oral - Category 4

Skin Corrosion/Irritation - Category 2

Serious Eye Damage/Eye Irritation - Category 2A

Reproductive Toxicity - Category 1A

Specific Target Organ Toxicity - Single Exposure - Category 1 (respiratory system, central nervous system)

Specific Target Organ Toxicity - Single Exposure - Category 3

Specific Target Organ Toxicity - Repeated Exposure - Category 1 (kidneys,respiratory system,lungs,central nervous system)

Specific Target Organ Toxicity - Repeated Exposure - Category 2



Precautionary Statement(s)**Prevention**

Obtain special instructions before use Do not handle until all safety precautions have been read and understood
Wear protective gloves/protective clothing/eye protection/face protection Do not breathe dust/fume/gas/mist/
vapours/spray Wash thoroughly after handling Do not eat, drink or smoke when using this product

Response

If exposed or concerned: Call a POISON CENTER or doctor/physician IF ON SKIN: Wash with plenty of soap
and water If skin irritation occurs: Get medical advice/attention Take off contaminated clothing and wash before
reuse Specific treatment (see label)

Storage: Store locked up in a well ventilated and cool area.

Disposal: Dispose contents/container in accordance with local/regional/national/international regulations

Statement of unknown toxicity: Approximately 50% of the mixture is of ingredients of unknown toxicity

Other Hazards: No additional information available.

3. COMPOSITION/INFORMATION ON INGREDIENTS

CAS	Component Name	Percent
14808-60-7	Quartz	8-10
108-88-3	Toluene	8-10
142-82-5	Heptane (n-)	15-30
68410-97-9	Distillates, petroleum, light distillate hydrotreating process, low-boiling	15-30
64742-46-7	Petroleum distillates, hydrotreated middle	2-3
64742-53-6	Petroleum distillates, hydrotreated light naphthenic	2-3
64742-52-5	Petroleum distillates, hydrotreated heavy naphthenic	2-3

4. First Aid Measures

General advice: If symptoms persist, call a physician. Do not breathe dust/fume/gas/mist/vapors/spray. Do not get in eyes, on skin, or on clothing.

Eye contact: Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing. If symptoms persist, call a physician.

Skin Contact: Consult a physician if necessary. Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Immediate medical attention is not required. If skin irritation persists, call a physician.

Inhalation: Remove to fresh air. If breathing is irregular or stopped, administer artificial respiration. Call a physician. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. Immediate medical attention is not required. If symptoms persist, call a physician.

Ingestion: Do NOT induce vomiting. Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. If symptoms persist call a physician. Note to physician this contains asphalt.

Self-protection of the first aider: Use personal protective equipment as required. **Most important symptoms and effects, both acute and delayed**

Symptoms May cause irritation

Indication of any immediate medical attention and the treatment needed

Note to physicians Treat symptomatically

5. FIREFIGHTING MEASURES

Suitable Extinguishing Media

Use. Dry chemical. Carbon dioxide (CO₂). Water spray (fog). Sand. Alcohol resistant foam. Do not use high pressure water.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions Use personal protective equipment as required. Gloves are recommended due to sharp edges.

Environmental precautions N/A

7. HANDLING AND STORAGE

Precautions for safe handling Use personal protective equipment and follow normal jobsite precautions.

Conditions for safe storage Keep properly labeled in original packaging, cool, and in a well ventilated area.

Incompatibilities Strong acids, bases and strong oxidizing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Component exposure limits:

Toluene: OSHA - 200 ppm TWA, ceiling 300 ppm

Quartz: OSHA - only respirable, so this product does not qualify

n-Heptane: OSHA - 500 ppm TWA; 2,000 mg/m³ TWA

Appropriate engineering controls: Provide adequate ventilation and store in a cool area. Ensure compliance with applicable exposure limits.

Personal Protective Equipment (PPE): gloves, safety glasses, respirator and protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	green paste	Physical State	liquid
Odor	hydrocarbon odor	Color	green
Odor Threshold	Not available	pH	Not available
Melting Point	Not available	Boiling Point	187 °F (86 °C)
Freezing point	-90.5 °C	Evaporation Rate	3.7
Boiling Point Range	Not available	Flammability (solid, gas)	Not available
Autoignition	433 °F (223 °C)	Flash Point	18 °F (-8 °C)
Lower Explosive Limit	1 %	Decomposition	Not available
Upper Explosive Limit	7 %	Vapor Pressure	45 mmHg at 68 ° F (20 °C)
Vapor Density (air=1)	Not available	Specific Gravity (water=1)	Not available
Water Solubility	Not available	Partition coefficient: n-octanol/ water	Not available
Viscosity	250000 cps	Solubility (Other)	Not available
Density	6.72 - 7.56 (relative)	VOC	246.3 g/L

10. STABILITY AND REACTIVITY

Reactivity	N/A
Chemical stability	Stable under normal conditions
Possibility of hazardous reactions	None under normal conditions
Hazardous decomposition products	Oxides of nitrogen and/or carbon

11. TOXICOLOGICAL INFORMATION**Information on likely routes of exposure**

Inhalation	May cause drowsiness, dizziness, respiratory irritation
Skin contact	Avoid contact with skin
Eye contact	Avoid contact with eyes
Ingestion	Do not eat this, taste it or put it in your mouth

Symptom information May cause irritation

Delayed and immediate effects as well as chronic effects from short and long term exposure

Sensitization No information available

Germ cell mutagenicity No information available

Carcinogenicity This product does not contain any carcinogens or potential carcinogens as listed by OSHA

Component Analysis - LD50/LC50

The components of this material have been reviewed in various sources and the following selected endpoints are published:

Asphalt (8052-42-4): Oral LD50 Rat >5000 mg/kg, Dermal LD50 Rabbit >2000 mg/kg

Asphalt, oxidized (64742-93-4): Oral LD50 Rat >5000 mg/kg, Dermal LD50 Rabbit >2000 mg/kg

Distillates, petroleum, petroleum residues vacuum (68955-27-1): Oral LD50 Rat 4320 mg/kg, Dermal LD50 Rabbit >2000 mg/kg

Residues, petroleum, vacuum (64741-56-6): Oral LD50 Rat 4320 mg/kg, Dermal LD50 Rabbit >2000 mg/kg

Hydrogen sulfide (7783-06-4)

Inhalation LC50 Rat 0.99 mg/L 1 h Fatty acids, tall-oil, low-boiling (Mixture): Oral LD50 Rat >2000 mg/kg

Dermal LD50 Rat >2000 mg/kg

Component Carcinogenicity:

Petroleum distillates: OSHA: Present

Toluene: OSHA: Present

Styrene-butadiene: not classified

Quartz: OSHA: Present

Additional Data: This product contains silica, but it is not respiratory, since it is bound by the polymer portion of the sealant.

12. ECOLOGICAL INFORMATION

Ecotoxicity	No information available
Persistence and degradability	No information available
Bioaccumulation	No information available

14. TRANSPORT INFORMATION

DOT Not regulated

15. REGULATORY INFORMATION

Not a chemical, so no regulatory limitations

16. OTHER INFORMATION

Disclaimer: The information contained on the Safety Data Sheet has been compiled from data considered to be accurate. This data is believed to be reliable, but it must be pointed out that values for certain properties are known to vary from source to source. York Manufacturing, Inc.