

# Roof Mastic Rain Kote

## Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations And According To The Hazardous Products Regulation (February 11, 2015).  
Revision Date: 10/14/2022 Date of Issue: 03/23/2016 Supersedes Date: 04/27/2018 Version: 3.0

### SECTION 1: IDENTIFICATION

#### 1.1. Product Identifier

**Product Form:** Mixture

**Product Name:** Roof Mastic Rain Kote

**Product Code:** RKM4: 1 Gallon Roof Mastic Asbestos; RKM10: 10.3 oz. Roof Mastic Asbestos Free-Cartridge; RKM1: 1 Quart Roof Mastic Asbestos Free

#### 1.2. Intended Use of the Product

Roof coating

#### 1.3. Name, Address, and Telephone of the Responsible Party

##### Distributor

L.H. Dottie Company

6131 Garfield Ave.

Commerce, CA 90040 USA

Ph: 323-725-1000

<https://lhdottie.com>

#### 1.4. Emergency Telephone Number

**Emergency Number** : VelocityEHS

(800)255-3924 (North America)

+1 (813)248-0585 (International)

### SECTION 2: HAZARDS IDENTIFICATION

#### 2.1. Classification of the Substance or Mixture

##### GHS-US/CA Classification

Flammable liquids Category 3 H226

Skin corrosion/irritation Category 2 H315

Germ cell mutagenicity Category 1B H340

Carcinogenicity Category 1B H350

Specific target organ toxicity (repeated exposure) Category 1 H372

Aspiration hazard Category 1 H304

Hazardous to the aquatic environment - Chronic Hazard Category 2 H411

#### 2.2. Label Elements

##### GHS-US/CA Labeling

##### Hazard Pictograms (GHS-US/CA)



##### Signal Word (GHS-US/CA)

: Danger

##### Hazard Statements (GHS-US/CA)

: H226 - Flammable liquid and vapor.  
H304 - May be fatal if swallowed and enters airways.  
H315 - Causes skin irritation.  
H340 - May cause genetic defects.  
H350 - May cause cancer.  
H372 - Causes damage to organs (central nervous system) through prolonged or repeated exposure.  
H411 - Toxic to aquatic life with long lasting effects.

##### Precautionary Statements (GHS-US/CA)

: P201 - Obtain special instructions before use.  
P202 - Do not handle until all safety precautions have been read and understood.  
P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P233 - Keep container tightly closed.  
P240 - Ground/bond container and receiving equipment.

# Roof Mastic Rain Kote

## Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations And According To The Hazardous Products Regulation (February 11, 2015).

P241 - Use explosion-proof electrical, ventilating, and lighting equipment.  
P242 - Use only non-sparking tools.  
P243 - Take action to prevent static discharges.  
P260 - Do not breathe vapors, mist, or spray.  
P264 - Wash hands, forearms, and other exposed areas thoroughly after handling.  
P270 - Do not eat, drink or smoke when using this product.  
P273 - Avoid release to the environment.  
P280 - Wear protective gloves, protective clothing, and eye protection.  
P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor.  
P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.  
P308+P313 - If exposed or concerned: Get medical advice/attention.  
P314 - Get medical advice/attention if you feel unwell.  
P321 - Specific treatment (see section 4 on this SDS).  
P331 - Do NOT induce vomiting.  
P332+P313 - If skin irritation occurs: Get medical advice/attention.  
P362+P364 - Take off contaminated clothing and wash it before reuse.  
P370+P378 - In case of fire: Use appropriate media (see section 5) to extinguish.  
P391 - Collect spillage.  
P403+P235 - Store in a well-ventilated place. Keep cool.  
P405 - Store locked up.  
P501 - Dispose of contents/container in accordance with local, regional, national, territorial, provincial, and international regulations.

### 2.3. Other Hazards

Exposure may aggravate pre-existing eye, skin, or respiratory conditions.

### 2.4. Unknown Acute Toxicity (GHS-US/CA)

No additional information available

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1. Substance

Not applicable

### 3.2. Mixture

Name	Synonyms	Product Identifier	% *	GHS Ingredient Classification
Asphalt	Asphalt (petroleum) / Bitumens / Bitumen / Asphalt (A very complex combination of high molecular weight organic compounds containing a relatively high proportion of hydrocarbons having carbon numbers predominantly greater than C25 with high carbon-to-hydrogen ratios. It also contains small amounts of various metals such as nickel, iron, or vanadium. It is obtained as the non-volatile residue from distillation of crude oil or by separation as the raffinate from a residual oil in a deasphalting or decarbonization process.) / Hydrocarbon resin / Bitumens, asphalt / Bituminous asphalt	(CAS-No.) 8052-42-4	30 – 60	Carc. 2, H351
Stoddard solvent	White spirits / Mineral spirits / White spirit / Turpentine (mineral) / Turpentine, mineral / Naphtha, Stoddard solvent / Mineral turpentine / Stoddard solvent (A colorless, refined	(CAS-No.) 8052-41-3	10 – 30	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Muta. 1B, H340 Carc. 1B, H350

# Roof Mastic Rain Kote

## Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations And According To The Hazardous Products Regulation (February 11, 2015).

	petroleum distillate that is free from rancid or objectionable odors and that boils in the range of approximately 149-204.5°C.) / Stoddard solvent; Low boiling point naphtha -; unspecified [A colourless, refined petroleum distillate that is free from rancid or objectionable odours and that boils in a range of approximately 148.8°C to 204.4°C (300°F to 400°F).] / white spirit type 1			STOT RE 1, H372 Asp. Tox. 1, H304 Aquatic Chronic 1, H410
Palygorskite	Attapulgit / Aluminum magnesium silicate, hydrated / Palygorskite ([Mg(Al <sub>0.5</sub> -1Fe <sub>0-0.5</sub> )Si <sub>4</sub> (OH)O <sub>10</sub> .4H <sub>2</sub> O) / Attapulgit clay / Attapulgit clay, hydrous magnesium aluminum silicate / Hydrated aluminum magnesium silicate / Palygorskite fibers / ATTAPULGITE / Clay, attapulgit / Attapulgit-type clay / Aluminium magnesium silicate hydrated / Palygorskite (attapulgit) fibres / Aluminum magnesium silicate	(CAS-No.) 12174-11-7	10 – 30	Carc. 2, H351
Kaolin	KAOLIN	(CAS-No.) 1332-58-7	10 – 30	Not classified
Cellulose	Microcrystalline cellulose / CELLULOSE / Cellulose, microcrystalline / MICROCRYSTALLINE CELLULOSE	(CAS-No.) 9004-34-6	1 – 10	Comb. Dust

Full text of H-statements: see section 16

\* The actual concentration of ingredient(s) is withheld as a trade secret in accordance with the Hazardous Products Regulations (HPR) SOR/2015-17 and 29 CFR 1910.1200. Percentages are listed in weight by weight percentage (w/w%) for liquid and solid ingredients. Gas ingredients are listed in volume by volume percentage (v/v%). Full text of H-statements: see section 16.

## SECTION 4: FIRST AID MEASURES

### 4.1. Description of First-aid Measures

**General:** Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

**Inhalation:** When symptoms occur: go into open air and ventilate suspected area. Obtain medical attention if breathing difficulty persists.

**Skin Contact:** Immediately remove contaminated clothing. Immediately drench affected area with water for at least 15 minutes. If exposed or concerned: Get medical advice/attention.

**Eye Contact:** Remove contact lenses, if present and easy to do. Continue rinsing. Rinse cautiously with water for at least 15 minutes. Obtain medical attention if irritation develops or persists.

**Ingestion:** Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician. Place affected person on their side. If vomiting occurs have person lean forward. If vomiting occurs, keep head below waistline.

### 4.2. Most Important Symptoms and Effects Both Acute and Delayed

**General:** May cause cancer. May cause damage to organs (central nervous system) through prolonged or repeated exposure. Causes skin irritation. May cause genetic defects. May be fatal if swallowed and enters airways.

**Inhalation:** Prolonged exposure may cause irritation.

**Skin Contact:** Redness, pain, swelling, itching, burning, dryness, and dermatitis.

**Eye Contact:** May cause slight irritation to eyes.

**Ingestion:** Aspiration into the lungs can occur during ingestion or vomiting and may cause lung injury.

**Chronic Symptoms:** May cause cancer. May cause damage to organs (central nervous system) through prolonged or repeated exposure. May cause genetic defects.

# Roof Mastic Rain Kote

## Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations And According To The Hazardous Products Regulation (February 11, 2015).

### 4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

If exposed or concerned, get medical advice and attention. If medical advice is needed, have product container or label at hand.

## SECTION 5: FIRE-FIGHTING MEASURES

### 5.1. Extinguishing Media

**Suitable Extinguishing Media:** Dry chemical powder, alcohol-resistant foam, carbon dioxide (CO<sub>2</sub>). Water may be ineffective but water should be used to keep fire-exposed container cool.

**Unsuitable Extinguishing Media:** Do not use a heavy water stream. A heavy water stream may spread burning liquid.

### 5.2. Special Hazards Arising From the Substance or Mixture

**Fire Hazard:** Flammable liquid and vapor.

**Explosion Hazard:** May form flammable or explosive vapor-air mixture.

**Reactivity:** Reacts violently with strong oxidizers. Increased risk of fire or explosion.

### 5.3. Advice for Firefighters

**Precautionary Measures Fire:** Exercise caution when fighting any chemical fire.

**Firefighting Instructions:** Use water spray or fog for cooling exposed containers. In case of major fire and large quantities: Evacuate area. Fight fire remotely due to the risk of explosion.

**Protection During Firefighting:** Do not enter fire area without proper protective equipment, including respiratory protection.

**Hazardous Combustion Products:** May liberate toxic gases. Smoke. Unidentified hydrocarbons. Carbon Monoxide, Carbon Dioxide and Oxides of Nitrogen (NO<sub>x</sub>).

**Other Information:** Do not allow run-off from fire fighting to enter drains or water courses.

### 5.4. Reference to Other Sections

Refer to Section 9 for flammability properties.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1. Personal Precautions, Protective Equipment and Emergency Procedures

**General Measures:** Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking. Do not get in eyes, on skin, or on clothing. Do not breathe vapor, mist or spray. Use special care to avoid static electric charges.

#### 6.1.1. For Non-Emergency Personnel

**Protective Equipment:** Use appropriate personal protective equipment (PPE).

**Emergency Procedures:** Evacuate unnecessary personnel. Stop leak if safe to do so.

#### 6.1.2. For Emergency Personnel

**Protective Equipment:** Equip cleanup crew with proper protection.

**Emergency Procedures:** Eliminate ignition sources first, then ventilate the area. Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit.

### 6.2. Environmental Precautions

Prevent entry to sewers and public waters. Avoid release to the environment. Collect spillage.

### 6.3. Methods and Materials for Containment and Cleaning Up

**For Containment:** Remove ignition sources. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. As an immediate precautionary measure, isolate spill or leak area in all directions.

**Methods for Cleaning Up:** Clean up spills immediately and dispose of waste safely. Use only non-sparking tools. Do not take up in combustible material such as: saw dust or cellulosic material. Absorb and/or contain spill with inert material. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill.

### 6.4. Reference to Other Sections

See Section 8 for exposure controls and personal protection and Section 13 for disposal considerations.

## SECTION 7: HANDLING AND STORAGE

### 7.1. Precautions for Safe Handling

**Additional Hazards When Processed:** Handle empty containers with care because residual vapors are flammable.

**Precautions for Safe Handling:** Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Do not handle until all safety precautions have been read and understood. Do not breathe vapors, spray, mist. Take precautionary measures against static discharge. Use only non-sparking tools. Obtain special instructions before use. Do not get in eyes, on skin, or on clothing.

**Hygiene Measures:** Handle in accordance with good industrial hygiene and safety procedures.

### 7.2. Conditions for Safe Storage, Including Any Incompatibilities

# Roof Mastic Rain Kote

## Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations And According To The Hazardous Products Regulation (February 11, 2015).

**Technical Measures:** Comply with applicable regulations. Take action to prevent static discharges. Ground and bond container and receiving equipment. Use explosion-proof electrical, ventilating, and lighting equipment.

**Storage Conditions:** Store in a dry, cool place. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials. Store locked up/in a secure area. Store in a well-ventilated place. Keep container tightly closed. Keep in fireproof place.

**Incompatible Materials:** Strong acids, strong bases, strong oxidizers.

### 7.3. Specific End Use(s)

Roof coating

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control Parameters

For substances listed in section 3 that are not listed here, there are no established exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), AIHA (WEEL), NIOSH (REL), OSHA (PEL), or Canadian provincial governments.

<b>Asphalt (8052-42-4)</b>		
<b>USA ACGIH</b>	ACGIH OEL TWA	0.5 mg/m <sup>3</sup> (fume, inhalable particulate matter)
<b>USA ACGIH</b>	ACGIH chemical category	Not Classifiable as a Human Carcinogen fume, coal tar-free
<b>USA ACGIH</b>	BEI (BLV)	2.5 µg/l Parameter: 1-Hydroxypyrene with hydrolysis - Medium: urine - Sampling time: end of shift at end of workweek (background) Parameter: 3-Hydroxybenzo(a)pyrene with hydrolysis - Medium: urine - Sampling time: end of shift at end of workweek (nonquantitative)
<b>USA NIOSH</b>	NIOSH REL (Ceiling)	5 mg/m <sup>3</sup> (fume)
<b>Alberta</b>	OEL TWA	5 mg/m <sup>3</sup> (Petroleum-fume)
<b>British Columbia</b>	OEL TWA	0.5 mg/m <sup>3</sup> (inhalable fume)
<b>Manitoba</b>	OEL TWA	0.5 mg/m <sup>3</sup> (fume, inhalable particulate matter)
<b>New Brunswick</b>	OEL TWA	5 mg/m <sup>3</sup> (petroleum fumes)
<b>Newfoundland &amp; Labrador</b>	OEL TWA	0.5 mg/m <sup>3</sup> (fume, inhalable particulate matter)
<b>Nova Scotia</b>	OEL TWA	0.5 mg/m <sup>3</sup> (fume, inhalable particulate matter)
<b>Nunavut</b>	OEL STEL	1.5 mg/m <sup>3</sup> (Bitumen-fume)
<b>Nunavut</b>	OEL TWA	0.5 mg/m <sup>3</sup> (Bitumen-fume)
<b>Northwest Territories</b>	OEL STEL	1.5 mg/m <sup>3</sup> (Bitumen-fume)
<b>Northwest Territories</b>	OEL TWA	0.5 mg/m <sup>3</sup> (Bitumen-fume)
<b>Ontario</b>	OEL TWA	0.5 mg/m <sup>3</sup> (fume, inhalable particulate matter)
<b>Prince Edward Island</b>	OEL TWA	0.5 mg/m <sup>3</sup> (fume, inhalable particulate matter)
<b>Québec</b>	VEMP (OEL TWA)	5 mg/m <sup>3</sup> (fume)
<b>Saskatchewan</b>	OEL STEL	1.5 mg/m <sup>3</sup> (fume and inhalable fraction)
<b>Saskatchewan</b>	OEL TWA	0.5 mg/m <sup>3</sup> (fume and inhalable fraction)
<b>Yukon</b>	OEL STEL	10 mg/m <sup>3</sup> (fume)
<b>Yukon</b>	OEL TWA	5 mg/m <sup>3</sup> (fume)
<b>Cellulose (9004-34-6)</b>		
<b>USA ACGIH</b>	ACGIH OEL TWA	10 mg/m <sup>3</sup>
<b>USA OSHA</b>	OSHA PEL (TWA) [1]	15 mg/m <sup>3</sup> (total dust) 5 mg/m <sup>3</sup> (respirable fraction)
<b>USA NIOSH</b>	NIOSH REL (TWA)	10 mg/m <sup>3</sup> (total dust) 5 mg/m <sup>3</sup> (respirable dust)
<b>Alberta</b>	OEL TWA	10 mg/m <sup>3</sup>
<b>British Columbia</b>	OEL TWA	10 mg/m <sup>3</sup> (total dust) 3 mg/m <sup>3</sup> (respirable fraction)
<b>Manitoba</b>	OEL TWA	10 mg/m <sup>3</sup>
<b>New Brunswick</b>	OEL TWA	10 mg/m <sup>3</sup>
<b>Newfoundland &amp; Labrador</b>	OEL TWA	10 mg/m <sup>3</sup>

# Roof Mastic Rain Kote

## Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations And According To The Hazardous Products Regulation (February 11, 2015).

<b>Nova Scotia</b>	OEL TWA	10 mg/m <sup>3</sup>
<b>Nunavut</b>	OEL STEL	20 mg/m <sup>3</sup>
<b>Nunavut</b>	OEL TWA	10 mg/m <sup>3</sup>
<b>Northwest Territories</b>	OEL STEL	20 mg/m <sup>3</sup>
<b>Northwest Territories</b>	OEL TWA	10 mg/m <sup>3</sup>
<b>Ontario</b>	OEL TWA	10 mg/m <sup>3</sup>
<b>Prince Edward Island</b>	OEL TWA	10 mg/m <sup>3</sup>
<b>Québec</b>	VEMP (OEL TWA)	10 mg/m <sup>3</sup> (paper fibres-total dust)
<b>Saskatchewan</b>	OEL STEL	20 mg/m <sup>3</sup>
<b>Saskatchewan</b>	OEL TWA	10 mg/m <sup>3</sup>
<b>Yukon</b>	OEL STEL	20 mg/m <sup>3</sup>
<b>Yukon</b>	OEL TWA	30 mppcf 10 mg/m <sup>3</sup>
<b>Palygorskite (12174-11-7)</b>		
<b>Québec</b>	VEMP (OEL TWA)	1 fibers/cm <sup>3</sup> (respirable (Fibres - Natural Mineral Fibres))
<b>Kaolin (1332-58-7)</b>		
<b>USA ACGIH</b>	ACGIH OEL TWA	2 mg/m <sup>3</sup> (particulate matter containing no asbestos and <1% crystalline silica, respirable particulate matter)
<b>USA ACGIH</b>	ACGIH chemical category	Not Classifiable as a Human Carcinogen
<b>USA OSHA</b>	OSHA PEL (TWA) [1]	15 mg/m <sup>3</sup> (total dust) 5 mg/m <sup>3</sup> (respirable fraction)
<b>USA NIOSH</b>	NIOSH REL (TWA)	10 mg/m <sup>3</sup> (total dust) 5 mg/m <sup>3</sup> (respirable dust)
<b>Alberta</b>	OEL TWA	2 mg/m <sup>3</sup> (respirable)
<b>British Columbia</b>	OEL TWA	2 mg/m <sup>3</sup> (particulate matter containing no Asbestos and <1% Crystalline silica-respirable particulate)
<b>Manitoba</b>	OEL TWA	2 mg/m <sup>3</sup> (particulate matter containing no Asbestos and <1% Crystalline silica, respirable particulate matter-particulate matter, respirable particulate matter)
<b>New Brunswick</b>	OEL TWA	2 mg/m <sup>3</sup> (particulate matter containing no Asbestos and <1% Crystalline silica, respirable fraction)
<b>Newfoundland &amp; Labrador</b>	OEL TWA	2 mg/m <sup>3</sup> (particulate matter containing no Asbestos and <1% Crystalline silica, respirable particulate matter-particulate matter, respirable particulate matter)
<b>Nova Scotia</b>	OEL TWA	2 mg/m <sup>3</sup> (particulate matter containing no Asbestos and <1% Crystalline silica, respirable particulate matter-particulate matter, respirable particulate matter)
<b>Nunavut</b>	OEL STEL	4 mg/m <sup>3</sup> (respirable fraction)
<b>Nunavut</b>	OEL TWA	2 mg/m <sup>3</sup> (respirable fraction)
<b>Northwest Territories</b>	OEL STEL	4 mg/m <sup>3</sup> (respirable fraction)
<b>Northwest Territories</b>	OEL TWA	2 mg/m <sup>3</sup> (respirable fraction)
<b>Ontario</b>	OEL TWA	2 mg/m <sup>3</sup> (particulate matter containing no Asbestos and <1% Crystalline silica-respirable particulate matter)
<b>Prince Edward Island</b>	OEL TWA	2 mg/m <sup>3</sup> (particulate matter containing no Asbestos and <1% Crystalline silica, respirable particulate matter-particulate matter, respirable particulate matter)
<b>Québec</b>	VEMP (OEL TWA)	2 mg/m <sup>3</sup> (containing no Asbestos and <1% Crystalline silica-respirable dust)
<b>Saskatchewan</b>	OEL STEL	4 mg/m <sup>3</sup> (respirable fraction)
<b>Saskatchewan</b>	OEL TWA	2 mg/m <sup>3</sup> (respirable fraction)
<b>Yukon</b>	OEL STEL	20 mg/m <sup>3</sup>
<b>Yukon</b>	OEL TWA	30 mppcf

# Roof Mastic Rain Kote

## Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations And According To The Hazardous Products Regulation (February 11, 2015).

		10 mg/m <sup>3</sup>
<b>Stoddard solvent (8052-41-3)</b>		
<b>USA ACGIH</b>	ACGIH OEL TWA [ppm]	100 ppm
<b>USA OSHA</b>	OSHA PEL (TWA) [1]	2900 mg/m <sup>3</sup>
<b>USA OSHA</b>	OSHA PEL (TWA) [2]	500 ppm
<b>USA NIOSH</b>	NIOSH REL (TWA)	350 mg/m <sup>3</sup>
<b>USA NIOSH</b>	NIOSH REL (Ceiling)	1800 mg/m <sup>3</sup>
<b>USA IDLH</b>	IDLH	20000 mg/m <sup>3</sup>
<b>Alberta</b>	OEL TWA	572 mg/m <sup>3</sup>
<b>Alberta</b>	OEL TWA [ppm]	100 ppm
<b>British Columbia</b>	OEL STEL	580 mg/m <sup>3</sup>
<b>British Columbia</b>	OEL TWA	290 mg/m <sup>3</sup>
<b>Manitoba</b>	OEL TWA [ppm]	100 ppm
<b>New Brunswick</b>	OEL TWA	525 mg/m <sup>3</sup>
<b>New Brunswick</b>	OEL TWA [ppm]	100 ppm
<b>Newfoundland &amp; Labrador</b>	OEL TWA [ppm]	100 ppm
<b>Nova Scotia</b>	OEL TWA [ppm]	100 ppm
<b>Nunavut</b>	OEL STEL [ppm]	125 ppm
<b>Nunavut</b>	OEL TWA [ppm]	100 ppm
<b>Northwest Territories</b>	OEL STEL [ppm]	125 ppm
<b>Northwest Territories</b>	OEL TWA [ppm]	100 ppm
<b>Ontario</b>	OEL TWA	525 mg/m <sup>3</sup> (140°F Flash aliphatic solvent)
<b>Prince Edward Island</b>	OEL TWA [ppm]	100 ppm
<b>Québec</b>	VEMP (OEL TWA)	525 mg/m <sup>3</sup>
<b>Québec</b>	VEMP (OEL TWA) [ppm]	100 ppm
<b>Saskatchewan</b>	OEL STEL [ppm]	125 ppm
<b>Saskatchewan</b>	OEL TWA [ppm]	100 ppm
<b>Yukon</b>	OEL STEL	720 mg/m <sup>3</sup>
<b>Yukon</b>	OEL STEL [ppm]	150 ppm
<b>Yukon</b>	OEL TWA	575 mg/m <sup>3</sup>
<b>Yukon</b>	OEL TWA [ppm]	100 ppm
<b>Aluminum insoluble compounds</b>		
<b>USA ACGIH</b>	ACGIH OEL TWA	1 mg/m <sup>3</sup> (respirable particulate matter)
<b>USA ACGIH</b>	ACGIH chemical category	Not Classifiable as a Human Carcinogen
<b>British Columbia</b>	OEL TWA	1 mg/m <sup>3</sup> (respirable)
<b>Manitoba</b>	OEL TWA	1 mg/m <sup>3</sup> (respirable particulate matter)
<b>Newfoundland &amp; Labrador</b>	OEL TWA	1 mg/m <sup>3</sup> (respirable particulate matter)
<b>Nova Scotia</b>	OEL TWA	1 mg/m <sup>3</sup> (respirable particulate matter)
<b>Ontario</b>	OEL TWA	1 mg/m <sup>3</sup> (respirable particulate matter)
<b>Prince Edward Island</b>	OEL TWA	1 mg/m <sup>3</sup> (respirable particulate matter)

## 8.2. Exposure Controls

**Appropriate Engineering Controls:** Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed. Gas detectors should be used when flammable gases or vapors may be released. Proper grounding procedures to avoid static electricity should be followed. Use explosion-proof equipment.

**Personal Protective Equipment:** Gloves. Protective clothing. Protective goggles. Insufficient ventilation: wear respiratory protection.



**Materials for Protective Clothing:** Chemically resistant materials and fabrics. Wear fire/flame resistant/retardant clothing.

# Roof Mastic Rain Kote

## Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations And According To The Hazardous Products Regulation (February 11, 2015).

**Hand Protection:** Wear protective gloves.

**Eye and Face Protection:** Chemical safety goggles. A full face shield is recommended.

**Skin and Body Protection:** Wear suitable protective clothing.

**Respiratory Protection:** If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn. In case of inadequate ventilation, oxygen deficient atmosphere, or where exposure levels are not known wear approved respiratory protection.

**Other Information:** When using, do not eat, drink or smoke.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on Basic Physical and Chemical Properties

Physical State	: Liquid
Appearance	: Black
Odor	: Petroleum-like
Odor Threshold	: No data available
pH	: No data available
Evaporation Rate	: No data available
Melting Point	: No data available
Freezing Point	: No data available
Boiling Point	: > 149 °C (300.2 °F)
Flash Point	: 41 °C (105.8 °F)
Auto-ignition Temperature	: No data available
Decomposition Temperature	: No data available
Flammability	: Not applicable
Lower Flammable Limit	: No data available
Upper Flammable Limit	: No data available
Vapor Pressure	: 0.293 kPa at 20 °C
Relative Vapor Density at 20°C	: No data available
Relative Density	: 1.02 – 1.12 (water =1)
Density	: 8.512 – 9.346 lb/gal
Specific Gravity	: No data available
Solubility	: Water: Insoluble
Partition Coefficient: N-Octanol/Water	: No data available
Viscosity	: No data available
VOC content	: < 250 g/L

## SECTION 10: STABILITY AND REACTIVITY

### 10.1. Reactivity:

Reacts violently with strong oxidizers. Increased risk of fire or explosion.

### 10.2. Chemical Stability:

Flammable liquid and vapor. May form flammable or explosive vapor-air mixture.

### 10.3. Possibility of Hazardous Reactions:

Hazardous polymerization will not occur.

### 10.4. Conditions to Avoid:

Direct sunlight, extremely high or low temperatures, heat, hot surfaces, sparks, open flames, incompatible materials, and other ignition sources.

### 10.5. Incompatible Materials:

Strong acids, strong bases, strong oxidizers.

### 10.6. Hazardous Decomposition Products:

Thermal decomposition may produce: Toxic gases. Carbon Monoxide, Carbon Dioxide and Oxides of Nitrogen (NOx). Smoke. Hydrocarbons.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Information on Toxicological Effects - Product

**Acute Toxicity (Oral):** Not classified

**Acute Toxicity (Dermal):** Not classified

**Acute Toxicity (Inhalation):** Not classified



# Roof Mastic Rain Kote

## Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations And According To The Hazardous Products Regulation (February 11, 2015).

### LD50 and LC50 Data:

No additional information available

**Skin Corrosion/Irritation:** Causes skin irritation.

**Eye Damage/Irritation:** Not classified

**Respiratory or Skin Sensitization:** Not classified

**Germ Cell Mutagenicity:** May cause genetic defects.

**Carcinogenicity:** May cause cancer.

**Specific Target Organ Toxicity (Repeated Exposure):** Causes damage to organs (central nervous system) through prolonged or repeated exposure.

**Reproductive Toxicity:** Not classified

**Specific Target Organ Toxicity (Single Exposure):** Not classified

**Aspiration Hazard:** May be fatal if swallowed and enters airways.

**Symptoms/Injuries After Inhalation:** Prolonged exposure may cause irritation.

**Symptoms/Injuries After Skin Contact:** Redness, pain, swelling, itching, burning, dryness, and dermatitis.

**Symptoms/Injuries After Eye Contact:** May cause slight irritation to eyes.

**Symptoms/Injuries After Ingestion:** Aspiration into the lungs can occur during ingestion or vomiting and may cause lung injury.

**Chronic Symptoms:** May cause cancer. May cause damage to organs (central nervous system) through prolonged or repeated exposure, May cause genetic defects

**Potential Adverse human health effects and symptoms:** Based on available data, the classification criteria are not met.

### 11.2. Information on Toxicological Effects - Ingredient(s)

#### LD50 and LC50 Data:

<b>Asphalt (8052-42-4)</b>	
LD50 Oral Rat	> 5000 mg/kg
LD50 Dermal Rabbit	> 2000 mg/kg
LC50 Inhalation Rat	> 94.4 mg/m <sup>3</sup> (no deaths)
<b>Cellulose (9004-34-6)</b>	
LD50 Oral Rat	> 5000 mg/kg
LD50 Dermal Rabbit	> 2000 mg/kg
LC50 Inhalation Rat	> 5800 mg/m <sup>3</sup> (Exposure time: 4 h)
<b>Kaolin (1332-58-7)</b>	
LD50 Oral Rat	> 5000 mg/kg
LD50 Dermal Rat	> 5000 mg/kg
LD50 Dermal Rabbit	> 5000 mg/kg
<b>Stoddard solvent (8052-41-3)</b>	
LD50 Oral Rat	> 5 g/kg Behavioral somnolence
LD50 Dermal Rabbit	> 3 g/kg
LC50 Inhalation Rat	> 5.5 mg/l/4h
LC50 Inhalation Rat	> 5500 mg/l/4h Behavioral somnolence
<b>Asphalt (8052-42-4)</b>	
IARC Group	2A, 2B
OSHA Hazard Communication Carcinogen List	In OSHA Hazard Communication Carcinogen list.
<b>Palygorskite (12174-11-7)</b>	
IARC Group	2B
OSHA Hazard Communication Carcinogen List	In OSHA Hazard Communication Carcinogen list.

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1. Toxicity

**Ecology - General:** Toxic to aquatic life with long lasting effects.

<b>Stoddard solvent (8052-41-3)</b>	
NOEC Chronic Algae	0.16 mg/l

# Roof Mastic Rain Kote

## Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations And According To The Hazardous Products Regulation (February 11, 2015).

### 12.2. Persistence and Degradability

Roof Mastic Rain Kote	
Persistence and Degradability	May cause long-term adverse effects in the environment.

### 12.3. Bioaccumulative Potential

Roof Mastic Rain Kote	
Bioaccumulative Potential	Not established.
Asphalt (8052-42-4)	
BCF Fish 1	(no bioaccumulation expected)
Partition coefficient n-octanol/water (Log Pow)	> 6
Stoddard solvent (8052-41-3)	
Partition coefficient n-octanol/water (Log Pow)	3.16 (Octanol/water partition coefficient 3.16/7.06)

### 12.4. Mobility in Soil

No additional information available

### 12.5. Other Adverse Effects

**Other Information:** Avoid release to the environment.

## SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1. Waste treatment methods

**Waste Treatment Methods:** Incineration is the preferred method for disposal of waste product.

**Sewage Disposal Recommendations:** Do not dispose of waste into sewer. Do not empty into drains.

**Waste Disposal Recommendations:** Dispose of contents/container in accordance with local, regional, national, territorial, provincial, and international regulations.

**Additional Information:** Handle empty containers with care because residual vapors are flammable.

**Ecology - Waste Materials:** Avoid release to the environment. This material is hazardous to the aquatic environment. Keep out of sewers and waterways.

## SECTION 14: TRANSPORT INFORMATION

The shipping description(s) stated herein were prepared in accordance with certain assumptions at the time the SDS was authored, and can vary based on a number of variables that may or may not have been known at the time the SDS was issued.

### 14.1. In Accordance with DOT

**Proper Shipping Name** : PETROLEUM PRODUCTS, N.O.S (CONTAINS: Stoddard solvent)

**Hazard Class** : 3

**Identification Number** : UN1268

**Label Codes** : 3

**Packing Group** : III

**Marine Pollutant** : Marine pollutant

**ERG Number** : 128

### 14.2. In Accordance with IMDG

**Proper Shipping Name** : PETROLEUM PRODUCTS, N.O.S (CONTAINS: Stoddard solvent)

**Hazard Class** : 3

**Identification Number** : UN1268

**Label Codes** : 3

**Packing Group** : III

**EmS-No. (Fire)** : F-E

**EmS-No. (Spillage)** : S-E

**Marine pollutant** : Marine pollutant



# Roof Mastic Rain Kote

Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations And According To The Hazardous Products Regulation (February 11, 2015).

## 14.3. In Accordance with IATA

**Proper Shipping Name** : PETROLEUM PRODUCTS, N.O.S (CONTAINS: Stoddard solvent)  
**Hazard Class** : 3  
**Identification Number** : UN1268  
**Label Codes** : 3  
**Packing Group** : III  
**ERG Code (IATA)** : 3L



## 14.4. In Accordance with TDG

**Proper Shipping Name** : PETROLEUM PRODUCTS, N.O.S (CONTAINS: Stoddard solvent)  
**Hazard Class** : 3  
**Identification Number** : UN1268  
**Label Codes** : 3  
**Packing Group** : III  
**Marine Pollutant (TDG)** : Marine pollutant




## SECTION 15: REGULATORY INFORMATION

### 15.1. US Federal Regulations

<b>Roof Mastic Rain Kote</b>	
<b>SARA Section 311/312 Hazard Classes</b>	Health hazard - Carcinogenicity Health hazard - Specific target organ toxicity (single or repeated exposure) Health hazard - Skin corrosion or Irritation Physical hazard - Flammable (gases, aerosols, liquids, or solids) Health hazard - Germ cell mutagenicity Health hazard - Aspiration hazard
<b>Asphalt (8052-42-4)</b>	
Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active	
<b>Cellulose (9004-34-6)</b>	
Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active	
<b>EPA TSCA Regulatory Flag</b>	XU - XU - indicates a substance exempt from reporting under the Chemical Data Reporting Rule, (40 CFR 711).
<b>Kaolin (1332-58-7)</b>	
Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active	
<b>Stoddard solvent (8052-41-3)</b>	
Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active	

### 15.2. US State Regulations

#### California Proposition 65

 **WARNING:** This product can expose you to Asphalt, which is known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

Chemical Name (CAS No.)	Carcinogenicity	Developmental Toxicity	Female Reproductive Toxicity	Male Reproductive Toxicity
Asphalt (8052-42-4)	X			
Palygorskite (12174-11-7)	X			

<b>Asphalt (8052-42-4)</b>
U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) List U.S. - Massachusetts - Right To Know List
<b>Cellulose (9004-34-6)</b>
U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) List U.S. - Massachusetts - Right To Know List

# Roof Mastic Rain Kote

## Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations And According To The Hazardous Products Regulation (February 11, 2015).

### **Kaolin (1332-58-7)**

U.S. - New Jersey - Right to Know Hazardous Substance List  
U.S. - Pennsylvania - RTK (Right to Know) List  
U.S. - Massachusetts - Right To Know List

### **Stoddard solvent (8052-41-3)**

U.S. - New Jersey - Right to Know Hazardous Substance List  
U.S. - Pennsylvania - RTK (Right to Know) List  
U.S. - Massachusetts - Right To Know List

## **15.3. Canadian Regulations**

### **Asphalt (8052-42-4)**

Listed on the Canadian DSL (Domestic Substances List)

### **Cellulose (9004-34-6)**

Listed on the Canadian DSL (Domestic Substances List)

### **Kaolin (1332-58-7)**

Listed on the Canadian DSL (Domestic Substances List)

### **Stoddard solvent (8052-41-3)**

Listed on the Canadian DSL (Domestic Substances List)

## **SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION**

**Date of Preparation or Latest Revision** : 10/14/2022

### **Revision**

**Other Information** : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200 and Canada's Hazardous Products Regulations (HPR) SOR/2015-17.

### **GHS Full Text Phrases:**

H226	Flammable liquid and vapor
H304	May be fatal if swallowed and enters airways
H315	Causes skin irritation
H340	May cause genetic defects
H350	May cause cancer
H351	Suspected of causing cancer
H372	Causes damage to organs through prolonged or repeated exposure
H410	Very toxic to aquatic life with long lasting effects
H411	Toxic to aquatic life with long lasting effects

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.*

NA GHS SDS 2015 (Can, US)