



Material Safety Data Sheet - MSDS

Dottie Rain Kote

Section 1. Chemical Product and Company Identification

Common Name : Dottie Rain Kote **Code** : RKM1, RKM20, RKM4
Synonym : Not available. **Validation Date** : 2004-10-24.
Trade name : RKM1, RKM4, RKM20. **In Case of Emergency** : (714) 739-1408
Manufactured for : L.H. Dottie Company
6131 S. Garfield Avenue
Commerce, California 90040
Tel: (323) 725-1000

Section 2. Composition, Information on Ingredients

Name	CAS #	% by Weight	Exposure Limits
Asphalt Base	8052-42-4	60-70	ACGIH TLV (United States, 2003). : TWA: 0,5 mg/m ³ 8 hour(s). Form: Fume NIOSH REL (United States, 2001). : CEIL: 5 mg/m ³ 15 minute(s). Form: Fume Not available.
Naphtha (Petroleum), Hydrotreated Heavy	64742-48-9	15-30	Not available.

This material is classified as hazardous under OSHA regulations.

See Section 8 for Exposure Limits.
See Section 11 for Toxicological Data.

Section 3. Hazards Identification

Physical State and Appearance : Liquid. (Viscous liquid.)

Emergency Overview : WARNING!
FLAMMABLE LIQUID AND VAPOR.
VAPOR MAY CAUSE FLASH FIRE.
MAY CAUSE EYE AND SKIN IRRITATION.
Keep away from heat, sparks and flame. Avoid contact with eyes, skin and clothing. Keep container closed. Use only with adequate ventilation. Wash thoroughly after handling.

Routes of Entry : Absorbed through skin. Dermal contact. Eye contact. Inhalation. Ingestion.

Potential Acute Health Effects

Eyes : Hazardous in case of eye contact (irritant).
Skin : Hazardous in case of skin contact (irritant). Non-sensitizer for skin. Skin inflammation is characterized by itching, scaling, reddening, or, occasionally, blistering.
Inhalation : Not available.
Ingestion : Not available.

Potential Chronic Health Effects : **CARCINOGENIC EFFECTS:** Classified + (Proven.) by NIOSH [Asphalt Base]. Classified A4 (Not classifiable for human or animal.) by ACGIH, 3 (Not classifiable for human.) by IARC [Asphalt Base]. Classified 2 (Suspected for human.) by European Union [Naphtha (petroleum), hydrotreated heavy].
MUTAGENIC EFFECTS: Not available.
TERATOGENIC EFFECTS: Not available.

Medical Conditions Aggravated by Overexposure: : Repeated or prolonged exposure is not known to aggravate medical condition.

Over-exposure signs/symptoms : Not available.

See Section 11 for Toxicological Data.

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Section 4. First Aid Measures

- Eye Contact** : Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Get medical attention.
- Skin Contact** : In case of contact, immediately flush skin with plenty of water. Get medical attention.
- Inhalation** : If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
- Ingestion** : Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately.
- Notes to Physician** : No specific antidote. Medical staff must contact Poison Information Center.

Section 5. Fire Fighting Measures

- Flammability of the Product** : Flammable.
- Auto-ignition Temperature** : >400°C (752°F)
- Flash Points** : Closed cup: >37.8°C (100°F). (Tagliabue.)
- Flammable Limits** : LOWER: 0.9% UPPER: 6%
- Products of Combustion** : Not available.
- Fire Hazards in Presence of Various Substances** : Flammable in presence of open flames, sparks and static discharge, of heat.
- Explosion Hazards in Presence of Various Substances** : Risks of explosion of the product in presence of mechanical impact: Not available.
Risks of explosion of the product in presence of static discharge: Not available.
- Fire Fighting Media and Instructions** : SMALL FIRE: Use dry chemical powder.
LARGE FIRE: Use water spray or fog. Never direct a water jet in the container in order to prevent any splashing of the product which could cause spreading of the fire. Cool containing vessels with water jet in order to prevent pressure build-up, autoignition or explosion.
- Protective Clothing (Fire)** : Be sure to use an approved/certified respirator or equivalent.
- Special Remarks on Fire Hazards** : Not available.

Section 6. Accidental Release Measures

- Small Spill and Leak** : Absorb with an inert material and put the spilled material in an appropriate waste disposal.
- Large Spill and Leak** : Keep away from heat. Keep away from sources of ignition. Stop leak if without risk. Absorb with dry earth, sand or other non-combustible material. Do not get water inside container. Do not touch spilled material. Prevent entry into sewers, basements or confined areas; dike if needed. Call for assistance on disposal.

Section 7. Handling and Storage

- Handling** : Keep away from heat, sparks and flame. Keep container closed. Use only with adequate ventilation. To avoid fire or explosion, dissipate static electricity during transfer by grounding and bonding containers and equipment before transferring material. Use explosion-proof electrical (ventilating, lighting and material handling) equipment.
- Storage** : Store in a segregated and approved area. Keep container in a cool, well-ventilated area. Keep container tightly closed and sealed until ready for use. Avoid all possible sources of ignition (spark or flame).

Section 8. Exposure Controls, Personal Protection

- Engineering Controls** : Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective occupational exposure limits. Ensure that eyewash stations and safety showers are proximal to the work-station location.

Personal Protection

- Eyes** : Splash goggles.
- Body** : Lab coat.
- Respiratory** : Wear appropriate respirator when ventilation is inadequate.
- Hands** : Gloves.
- Feet** : Not applicable.

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Protective Clothing (Pictograms)

Personal Protection in Case of a Large Spill Exposure Limits : Splash goggles. Full suit. Boots. Gloves. Suggested protective clothing might not be sufficient; consult a specialist before handling this product.

Product Name

Asphalt Base

Exposure Limits**ACGIH TLV (United States, 2003).** :TWA: 0,5 mg/m³ 8 hour(s). Form: Fume**NIOSH REL (United States, 2001).** :CEIL: 5 mg/m³ 15 minute(s). Form: Fume

[Consult local authorities for acceptable exposure limits.](#)

Section 9. Physical and Chemical Properties

Physical State and Appearance	: Liquid. (Viscous liquid.)
Color	: Dark.
Odor	: Petroleum.
Molecular Weight	: Not applicable.
Molecular Formula	: Not applicable.
pH (1% Soln/Water)	: Not applicable.
Boiling/Condensation Point	: 156°C (312.8°F)
Melting/Freezing Point	: May start to solidify at <-60°C (-76°F) based on data for: Naphtha (petroleum), hydrotreated heavy.
Specific Gravity	: >1 (Water = 1)
Vapor Pressure	: Not available.
Vapor Density	: Not available.
Volatility	: Not available.
Odor Threshold	: Not available.
Evaporation Rate	: Not available.
VOC	: Not available.
Viscosity	: Not available.
LogK_{ow}	: Not available.
Solubility	: Insoluble in cold water, hot water.

Section 10. Stability and Reactivity

Stability and Reactivity	: The product is stable.
Conditions of Instability	: Not available.
Incompatibility with Various Substances	: Reactive with oxidizing agents, acids, alkalis.
Hazardous Decomposition Products	: Not available.
Hazardous Polymerization	: Will not occur.

Section 11. Toxicological Information

Chronic Effects on Humans	: CARCINOGENIC EFFECTS: Classified + (Proven.) by NIOSH [Asphalt Base]. Classified A4 (Not classifiable for human or animal.) by ACGIH, 3 (Not classifiable for human.) by IARC [Asphalt Base]. Classified 2 (Suspected for human.) by European Union [Naphtha (petroleum), hydrotreated heavy]. Contains material which causes damage to the following organs: upper respiratory tract, skin, eye, lens or cornea.
Other Toxic Effects on Humans	: Hazardous in case of skin contact (irritant), of eye contact (irritant). Non-sensitizer for skin.
Special Remarks on Toxicity to Animals	: Not available.

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Special Remarks on Chronic Effects on Humans : Not available.

Special Remarks on Other Toxic Effects on Humans : Not available.

Section 12. Ecological Information

BOD and COD : Not available.

Biodegradable/OECD : Not available.

Mobility : Not available.

Products of Degradation : Not available.

Toxicity of the Products of Biodegradation : Not available.




Special Remarks on the Products of Biodegradation : Not available.

Section 13. Disposal Considerations

Waste Information : Waste must be disposed of in accordance with federal, state and local environmental control regulations.

[Consult your local or regional authorities.](#)

Section 14. Transport Information

Regulatory Information	UN number	Proper shipping name	Class	Packing Group	Label	Additional information
United States (DOT)	UN1993	Flammable Liquid n.o.s. (Naphtha (petroleum), hydrotreated heavy)	3	III		-
IMDG Code	UN1993	Flammable Liquid n.o.s. (Naphtha (petroleum), hydrotreated heavy)	3	III		-
IATA-DGR Class	UN1993	Flammable Liquid n.o.s. (Naphtha (petroleum), hydrotreated heavy)	3	III		-

NAERG : 128

Section 15. Regulatory Information

HCS Classification : Irritating material
Combustible liquid

U.S. Federal Regulations : TSCA 8(b) inventory: All components listed.

SARA 302/304/311/312 extremely hazardous substances: No products were found.

SARA 302/304 emergency planning and notification: No products were found.

SARA 302/304/311/312 hazardous chemicals: Asphalt Base

SARA 311/312 MSDS distribution - chemical inventory - hazard identification: Asphalt Base: Fire Hazard, Immediate (Acute) Health Hazard, Delayed (Chronic) Health Hazard

Clean Water Act (CWA) 307: No products were found.

Clean Water Act (CWA) 311: No products were found.

Clean air act (CAA) 112 accidental release prevention: No products were found.

Clean air act (CAA) 112 regulated flammable substances: No products were found.

Clean air act (CAA) 112 regulated toxic substances: No products were found.

[SARA 313](#)

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Form R - Reporting Requirements : No products were found.

Supplier Notification : No products were found.

State Regulations : Pennsylvania RTK: Asphalt Base: (generic environmental hazard)
 Massachusetts RTK: Asphalt Base
 New Jersey: Asphalt Base
 California prop. 65: No products were found.

Section 16. Other Information

Label Requirements : FLAMMABLE LIQUID AND VAPOR.
 VAPOR MAY CAUSE FLASH FIRE.
 MAY CAUSE EYE AND SKIN IRRITATION.

Hazardous Material Information System (U.S.A.)

Health	1
Fire Hazard	1
Reactivity	0
Personal Protection	C

National Fire Protection Association (U.S.A.)



References : - 29CFR Part1910.1200 OSHA MSDS Requirements. - 49CFR Table List of Hazardous Materials, UN#, Proper Shipping Names, PG. ANSI Z400.1, MSDS Standard, 2001. -Manufacturer's Material Safety Data Sheet.

Responsible Name : Kemika XXI Inc. +1-450-435-7475

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