

MA 18P 1906110000000000187
MODIFICATION

State of Maine



Master Agreement

Effective Date: 06/11/19

Expiration Date: 06/30/21

Master Agreement Description: Hot Applied Asphalt Pavement Repair Mastic

Buyer Information

William Allen	207-624-7871	ext. NULL	WJE.Allen@maine.gov
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Issuer Information

Sharon Krechkin	207-624-3038	ext.	sharon.krechkin@maine.gov
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Requestor Information

Sharon Krechkin	207-624-3038	ext.	sharon.krechkin@maine.gov
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Agreement Reporting Categories

Reason For Modification: Extend for one year at current pricing.

Authorized Departments

17A TRANSPORTATION

Vendor Information

Vendor Line #: 1

Vendor ID

VC1000018529

Vendor Name

CRAFCO INC

Alias/DBA

Vendor Address Information

PO BOX 1427

JACKSON, MS 39215

US

Vendor Contact Information

NICK DELL'ISOLA
602-276-0406 ext.
bids@crafco.com

Commodity Information

Vendor Line #: 1

Vendor Name: CRAFCO INC

Commodity Line #: 1

Commodity Code: 96712

Commodity Description: Hot Applied Asphalt Pavement Repair Mastic

Commodity Specifications:

Commodity Extended Description: Hot Applied Asphalt Pavement Repair Mastic. FOB Destination Pricing. Crafco Local Maine Store is located at 314 Presumpscot Street, Portland, ME 04103

Quantity	UOM	Unit Price
0.00000		0.000000
Delivery Days	Free On Board	
0		
Contract Amount	Service Start Date	Service End Date
0.00		
Catalog Name	Discount	
Hot Applied Asphalt Pavement Repair Mastic	0.0000 %	
	Discount Start Date	Discount End Date
	06/11/19	06/30/21

Please see authorized signatures displayed on the next page

Each signatory below represents that the person has the requisite authority to enter into this Contract. The parties sign and cause this Contract to be executed.

State of Maine - Department of Administrative and Financial Services

DocuSigned by:
Jaime C. Schorr 7/1/2020
6D6437754DD0459...

Signature Date

Jaime C. Schorr, Chief Procurement Officer

and

CRAFCO INC

DocuSigned by:
N. Thomas Kelly 7/1/2020
8F822047DF4445B...

Signature Date

Tom Kelly, VP/National Sales Manager

Bureau of Business Management – Division of Procurement Services
State of Maine – Department of Administrative and Financial Services
9 State House Station
Augusta, Maine 04333-0009

Contract Number
MA 190611-187

Tel. (207) 624-7340
Fax.# (207) 287-6578

EXTENSION OF MASTER AGREEMENT CONTRACT

Commodity Item: Hot Applied Asphalt Pavement Repair Mastic

Contractor: CrafcO Inc

Mater Agreement Competitive Bid RFQ: 17A 190506-331

Contract Period Extended To: 06/30/21

Extended Contract Pricing: Current pricing

Extension Clause: The State reserves the right to extend this contract for a period of one year, with the consent of the contractor.

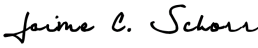
Agreement to Extend Contract:

In accordance with the above referenced Extension Clause, the undersigned agrees to continue in effect said Contract No # MA 190611*187 through June 30, 2021 with all terms, conditions remaining as shown in the original contract.

Dollar value the vendor has recorded that State of Maine has spent on this contract from 07/01/19 to present:
\$

Agreement to extend Master Agreement 18P – 1906110000000000187 authorized by:

State of Maine – Department of Administrative and Financial Services

DocuSigned by: 7/1/2020

6D6437754DD0459...
Jaime C. Schorr, Chief Procurement Officer

and

CrafcO Inc
DocuSigned by: 7/1/2020

8F822047DF4445B...
Tom Kelly, VP/National Sales Manager

RIDERS

<input checked="" type="checkbox"/>	The following riders are hereby incorporated into this Contract and made part of it by reference: (check all that apply)
<input checked="" type="checkbox"/>	Rider A – Scope of Work and/or Specifications
<input checked="" type="checkbox"/>	Rider B – Terms and Conditions
<input type="checkbox"/>	Rider C - Exceptions
<input checked="" type="checkbox"/>	Bid Cover Page and Debarment Form – Appendix A from RFQ
<input checked="" type="checkbox"/>	Municipality Political Subdivision and School District Participation Certification – Appendix D from RFQ
<input checked="" type="checkbox"/>	Price sheet (attach excel spreadsheet to post on website)
<input checked="" type="checkbox"/>	Other – Safety Data Sheet

RIDER A
Scope of Work and/or Specifications
MA 190611-187

Commodity: Hot Applied Asphalt Pavement Repair Mastic

Master Agreement Competitive Bid RFQ: 17A 190506-331

Contract Period: Through June 30, 2020. The State of Maine with vendor approval can opt to issue up to two (2) one (1) year extensions. *First Extension through June 30, 2021.*

Vendor Contact Person: The vendor contact person will help consumers place orders, inquire about orders that have not been delivered, all shipping issues, quality issues and any issues pertaining to the Master Agreement (MA) contract. All orders not submitted through a Delivery Order will be sent through the vendor contact person. The vendor contact person for this MA is:
Name: Nick Dell'Isola **Tel:** 602-276-0406 **Email:** Nick.Dell'Isola@crafco.com

Prices: Prices are with shipping terms of "Free on Board (FOB) – Destination". The State intends for this to mean that all goods shall be priced to include shipping charges, if any, to the State's desired location. The "FOB – Destination" shipping term is also intended to mean that the State shall not bear any responsibility for the goods in question until the State takes possession of them at the destination point of delivery.

Quantities: It is understood and agreed that the MA will cover the actual quantities required by the State over the length of the contract.

Ordering Procedures: Delivery Orders (DO) will be created in AdvantageME for all orders over \$5000.00. If a DO is used, the DO will be emailed to the email address referenced on the MA as a .pdf file. Orders less than \$5000.00 can be placed using a State of Maine issued P-Card (credit card).

Delivery: The vendor is responsible for the delivery of material in first class condition at the point of delivery, and in accordance with good commercial practice.

Specifications

Hot Applied Asphalt Pavement Repair Mastic

Target Properties:

POLYMER MODIFIED BINDER	Requirement
Cone Penetration, @77degF (25degC) (ASTM D5329)	60 max
Cone Penetration, @122degF (50degC) (ASTM D5329)	120 max
Softening Point (ASTM D36)	200degF min
Flexibility (1", 180degF, 10 sec) (ASTM D3111 modified)	32degF
AGGREGATE	
Abrasion Resistance (ASTM C131)	35% max
BLENDED PRODUCT	
Flexibility, 32degF (0degC) (PTM 3)	Pass
Adhesion, 77degF (25degC) (PTM 4)	25 PSI (172 KPA) min
Specific Gravity	1.7 - 2.0
Minimum Application Temperature	375degF (190degC)
Maximum Application Temperature	400degF (204degC)

RIDER B
TERMS AND CONDITIONS

- 1. DEFINITIONS:** The following definitions are applicable to these standard terms and conditions:
 - a. The term “Buyer” or “State” shall refer to the Government of the State of Maine or a person representing the Government of the State of Maine.
 - b. The term “Department” or “DAFS” shall refer to the State of Maine Department of Administrative and Financial Services.
 - c. The term “Bureau” or “BGS” shall refer to the State of Maine Bureau of General Services.
 - d. The term “Division” shall refer to the State of Maine Division of Purchases.
 - e. The term “Contractor”, “Vendor”, or “Provider” shall refer to the organization that is providing goods and/or services through the contract to which these standard terms and conditions have been attached and incorporated.
 - f. The term “Contract” or “Agreement” shall refer to the contract document to which these standard terms and conditions apply, taking the format of a Buyer Purchase Order (BPO) or Master Agreement (MA) or other contractual document that is mutually agreed upon between the State and the Contractor.

- 2. WARRANTY:** The Contractor warrants the following:
 - a. That all goods and services to be supplied by it under this Contract are fit and sufficient for the purpose intended, and
 - b. That all goods and services covered by this Contract will conform to the specifications, drawing samples, symbols or other description specified by the Division, and
 - c. That such articles are merchantable, good quality, and free from defects whether patent or latent in material and workmanship, and
 - d. That all workmanship, materials, and articles to be provided are of the best grade and quality, and
 - e. That it has good and clear title to all articles to be supplied by it and the same are free and clear from all liens, encumbrances and security interest.

Neither the final certificate of payment nor any provision herein, nor partial nor entire use of the articles provided shall constitute an acceptance of work not done in accordance with this agreement or relieve the Contractor liability in respect of any warranties or responsibility for faulty material or workmanship. The Contractor shall remedy any defects in the work and pay any damage to other work resulting therefrom, which shall appear within one year from the date of final acceptance of the work provided hereunder. The Division of Purchases shall give written notice of observed defects with reasonable promptness.

3. TAXES: Contractor agrees that, unless otherwise indicated in the order, the prices herein do not include federal, state, or local sales or use tax from which an exemption is available for purposes of this order. Contractor agrees to accept and use tax exemption certificates when supplied by the Division as applicable. In case it shall ever be determined that any tax included in the prices herein was not required to be paid by Contractor, Contractor agrees to notify the Division and to make prompt application for the refund thereof, to take all proper steps to procure the same and when received to pay the same to the Division.

4. PACKING AND SHIPMENT: Deliveries shall be made as specified without charge for boxing, carting, or storage, unless otherwise specified. Articles shall be suitably packed to secure lowest transportation cost and to conform to the requirements of common carriers and any

applicable specifications. Order numbers and symbols must be plainly marked on all invoices, packages, bills of lading, and shipping orders. Bill of lading should accompany each invoice. Count or weight shall be final and conclusive on shipments not accompanied by packing lists.

5. DELIVERY: Delivery should be strictly in accordance with delivery schedule. If Contractor's deliveries fail to meet such schedule, the Division, without limiting its other remedies, may direct expedited routing and the difference between the expedited routing and the order routing costs shall be paid by the Contractor. Articles fabricated beyond the Division's releases are at Contractor's risk. Contractor shall not make material commitments or production arrangements in excess of the amount or in advance of the time necessary to meet delivery schedule, and, unless otherwise specified herein, no deliveries shall be made in advance of the Division's delivery schedule. Neither party shall be liable for excess costs of deliveries or defaults due to the causes beyond its control and without its fault or negligence, provided, however, that when the Contractor has reason to believe that the deliveries will not be made as scheduled, written notice setting forth the cause of the anticipated delay will be given immediately to the Division. If the Contractor's delay or default is caused by the delay or default of a subcontractor, such delay or default shall be excusable only if it arose out of causes beyond the control of both Contractor and subcontractor and without fault of negligence or either of them and the articles or services to be furnished were not obtainable from other sources in sufficient time to permit Contractor to meet the required delivery schedule.

6. FORCE MAJEURE: The State may, at its discretion, excuse the performance of an obligation by a party under this Agreement in the event that performance of that obligation by that party is prevented by an act of God, act of war, riot, fire, explosion, flood or other catastrophe, sabotage, severe shortage of fuel, power or raw materials, change in law, court order, national defense requirement, or strike or labor dispute, provided that any such event and the delay caused thereby is beyond the control of, and could not reasonably be avoided by, that party. The State may, at its discretion, extend the time period for performance of the obligation excused under this section by the period of the excused delay together with a reasonable period to reinstate compliance with the terms of this Agreement.

7. INSPECTION: All articles and work will be subject to final inspection and approval after delivery, notwithstanding prior payment, it being expressly agreed that payment will not constitute final acceptance. The Division of Purchases, at its option, may either reject any article or work not in conformity with the requirements and terms of this order, or re-work the same at Contractor's expense. The Division may reject the entire shipment where it consists of a quantity of similar articles and sample inspection discloses that ten (10%) percent of the articles inspected are defective, unless Contractor agrees to reimburse the Division for the cost of a complete inspection of the articles included in such shipment. Rejected material may be returned at Contractor's risk and expense at the full invoice price plus applicable incoming transportation charges, if any. No replacement of defective articles of work shall be made unless specified by the Division.

8. INVOICE: The original and duplicate invoices covering each and every shipment made against this order showing Contract number, Vendor number, and other essential particulars, must be forwarded promptly to the ordering agency concerned by the Vendor to whom the order is issued. Delays in receiving invoice and also errors and omissions on statements will be considered just cause for withholding settlement without losing discount privileges. All accounts are to be carried in the name of the agency or institution receiving the goods, and not in the name of the Division of Purchases.

9. ALTERATIONS: The Division reserves the right to increase or decrease all or any portion of the work and the articles required by the bidding documents or this agreement, or to eliminate all or any portion of such work or articles or to change delivery date hereon without invalidating this Agreement. All such alterations shall be in writing. If any such alterations are made, the contract amount or amounts shall be adjusted accordingly. In no event shall Contractor fail or refuse to continue the performance of the work in providing of articles under this Agreement because of the inability of the parties to agree on an adjustment or adjustments.

10. TERMINATION: The Division may terminate the whole or any part of this Agreement in any one of the following circumstances:

- a. The Contractor fails to make delivery of articles, or to perform services within the time or times specified herein, or
- b. If Contractor fails to deliver specified materials or services, or
- c. If Contractor fails to perform any of the provisions of this Agreement, or
- d. If Contractor so fails to make progress as to endanger the performance of this Agreement in accordance with its terms, or
- e. If Contractor is adjudged bankrupt, or if it makes a general assignment for the benefit of its creditors or if a receiver is appointed because of its insolvency, or
- f. Whenever for any reason the State shall determine that such termination is in the best interest of the State to do so.

In the event that the Division terminates this Agreement in whole or in part, pursuant to this paragraph with the exception of 8(f), the Division may procure (articles and services similar to those so terminated) upon such terms and in such manner as the Division deems appropriate, and Contractor shall be liable to the Division for any excess cost of such similar articles or services.

11. NON-APPROPRIATION: Notwithstanding any other provision of this Agreement, if the State does not receive sufficient funds to fund this Agreement and other obligations of the State, if funds are de-appropriated, or if the State does not receive legal authority to expend funds from the Maine State Legislature or Maine courts, then the State is not obligated to make payment under this Agreement.

12. COMPLIANCE WITH APPLICABLE LAWS: Contractor agrees that, in the performance hereof, it will comply with applicable laws, including, but not limited to statutes, rules, regulations or orders of the United States Government or of any state or political subdivision(s) thereof, and the same shall be deemed incorporated herein by reference. Awarding agency requirements and regulations pertaining to copyrights and rights in data. Access by the grantee, the subgrantee, the Federal grantor agency, the Comptroller General of the United States, or any of their duly authorized representatives to any books, documents, papers and records of the Contractor which are directly pertinent to that specific contract for the purpose of making audit, examination, excerpts, and transcriptions. Retention of all required records for three years after grantees or subgrantees make final payments and all other pending matters are closed. Compliance with all applicable standards, orders, or requirements issued under section 306 of the Clean Air Act (42 U.S.C. 1857(h), section 508 of the Clean Water Act, (33 U.S.C. 1368), Executive Order 11738, and Environmental Protection Agency regulations (40 CFR part 15). (Contracts, subcontracts, and subgrants of amounts in excess of \$100,000). Mandatory standards and policies relating to energy efficiency which are contained in the state energy conservation plan issued in compliance with Energy Policy and Conservation Act (Pub. L. 94-163, 89 Stat. 871).

13. INTERPRETATION: This Agreement shall be governed by the laws of the State of Maine as to interpretation and performance.

14. DISPUTES: The Division will decide any and all questions which may arise as to the quality and acceptability of articles provided and installation of such articles, and as to the manner of performance and rate of progress under this Contract. The Division will decide all questions, which may arise as to the interpretation of the terms of this Agreement and the fulfillment of this Agreement on the part of the Contractor.

15. ASSIGNMENT: None of the sums due or to become due nor any of the work to be performed under this order shall be assigned nor shall Contractor subcontract for completed or substantially completed articles called for by this order without the Division's prior written consent. No subcontract or transfer of agreement shall in any case release the Contractor of its obligations and liabilities under this Agreement.

16. STATE HELD HARMLESS: The Contractor agrees to indemnify, defend, and save harmless the State, its officers, agents, and employees from any and all claims and losses accruing or resulting to any and all contractors, subcontractors, material men, laborers and other persons, firm or corporation furnishing or supplying work, services, articles, or supplies in connection with the performance of this Agreement, and from any and all claims and losses accruing or resulting to any person, firm or corporation who may be injured or damaged by the Contractor in the performance of this Agreement.

17. SOLICITATION: The Contractor warrants that it has not employed or written any company or person, other than a bona fide employee working solely for the Contractor to solicit or secure this Agreement, and it has not paid, or agreed to pay any company, or person, other than a bona fide employee working solely for the Contractor any fee, commission, percentage, brokerage fee, gifts, or any other consideration, contingent upon, or resulting from the award for making this Agreement. For breach or violation of this warranty, the Division shall have the absolute right to annul this agreement or, in its discretion, to deduct from the Agreement price or consideration, or otherwise recover the full amount of such fee, commission, percentage, brokerage fee, gifts, or contingent fee.

18. WAIVER: The failure of the Division to insist, in any one or more instances, upon the performance of any of the terms, covenants, or conditions of this order or to exercise any right hereunder, shall not be construed as a waiver or relinquishment of the future performance of any such term, covenant, or condition or the future exercise of such right, but the obligation of Contractor with respect to such future performance shall continue in full force and effect.

19. MATERIAL SAFETY: All manufacturers, importers, suppliers, or distributors of hazardous chemicals doing business in this State must provide a copy of the current Material Safety Data Sheet (MSDS) for any hazardous chemical to their direct purchasers of that chemical.

20. COMPETITION: By accepting this Contract, Contractor agrees that no collusion or other restraint of free competitive bidding, either directly or indirectly, has occurred in connection with this award by the Division of Purchases.

21. INTEGRATION: All terms of this Contract are to be interpreted in such a way as to be consistent at all times with this Standard Terms and Conditions document, and this document shall take precedence over any other terms, conditions, or provisions incorporated into the Contract.

Appendix A

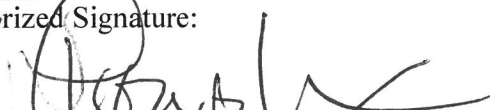
**STATE OF MAINE
DEPARTMENT OF ADMINISTRATIVE AND FINANCIAL SERVICES
DIVISION OF PROCUREMENT SERVICES**

BID COVER PAGE and DEBARMENT FORM

Bidder's Organization Name: Crafco, Inc.		
Chief Executive - Name/Title: N. Thomas Kelly, Vice President and National Sales Manager		
Tel: (602) 276-0406	Fax: (480) 961-0513	E-mail: bids@crafco.com
Headquarters Street Address: 6165 West Detroit Street		
Headquarters City/State/Zip: Chandler, AZ 85226		
<i>(provide information requested below if different from above)</i>		
Lead Point of Contact for Bid - Name/Title: Nick Dell'Isola, Territory Manager - ME, NH, VT		
Tel: (602) 276-0406	Fax: (480) 961-0513	E-mail: Nick.Dell'Isola@crafco.com
Street Address: 6165 West Detroit Street		
City/State/Zip: Chandler, AZ 85226		

By signing below Bidder affirms:

- Their bid complies with all requirements of this RFQ;
- This bid and the pricing structure contained herein will remain firm for a period of 180 days from the date and time of the bid opening;
- That no personnel currently employed by the Department or any other State agency participated, either directly or indirectly, in any activities relating to the preparation of the Bidder's proposal;
- That no attempt has been made or will be made by the Bidder to induce any other person or firm to submit or not to submit a proposal; and
- The undersigned is authorized to enter into contractual obligations on behalf of the above-named organization.

Name: N. Thomas Kelly	Title: Vice President/National Sales Manager
To have your bid accepted, this Appendix MUST have an actual signature or utilize Docu Sign, Adobe Sign or equivalent documented form of electronic signature.	
Authorized Signature: 	Date: 5/22/2019

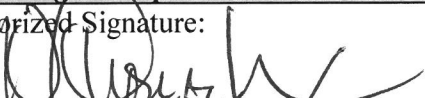
Debarment, Performance, and Non-Collusion Certification

By signing this document, I certify to the best of my knowledge and belief that the aforementioned organization, its principals, and any subcontractors named in this proposal:

- a. Are not presently debarred, suspended, proposed for debarment, and declared ineligible or voluntarily excluded from bidding or working on contracts issued by any governmental agency.*
 - b. Have not within three years of submitting the proposal for this contract been convicted of or had a civil judgment rendered against them for:

 - i. fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a federal, state or local government transaction or contract.*
 - ii. violating Federal or State antitrust statutes or committing embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;*
 - iii. are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State or Local) with commission of any of the offenses enumerated in paragraph (b) of this certification; and*
 - iv. have not within a three (3) year period preceding this proposal had one or more federal, state or local government transactions terminated for cause or default.**
 - c. Have not entered into a prior understanding, agreement, or connection with any corporation, firm, or person submitting a response for the same materials, supplies, equipment, or services and this proposal is in all respects fair and without collusion or fraud. The above mentioned entities understand and agree that collusive bidding is a violation of state and federal law and can result in fines, prison sentences, and civil damage awards.*
- Failure to provide this certification may result in the disqualification of the Bidder’s proposal, at the discretion of the Department.**

To the best of my knowledge all information provided in the enclosed proposal, both programmatic and financial, is complete and accurate at the time of submission.

Name: N. Thomas Kelly	Title: Vice President/National Sales Manager
To have your bid accepted, this Appendix MUST have an actual signature or utilize Docu Sign, Adobe Sign or equivalent documented form of electronic signature	
Authorized Signature: 	Date: 5/22/2019

Appendix D

**STATE OF MAINE
DEPARTMENT OF ADMINISTRATIVE AND FINANCIAL SERVICES
DIVISION OF PROCUREMENT SERVICES**

**MUNICIPALITY POLITICAL SUBDIVISION and SCHOOL DISTRICT PARTICIPATION
CERTIFICATION**

RFQ # 17A 190506-331

Hot Applied Asphalt Pavement Repair Mastic

Revised Product Description May 13.2019

The Division of Procurement Services is committed to providing purchasing opportunities for **municipalities, political subdivisions and school districts** in Maine by allowing them access, through our vendors, to our contract pricing. A bidder's willingness to extend contract pricing to these entities will be taken into consideration in making awards.

Will you accept orders from political subdivisions and school districts in Maine at the prices quoted?

Yes

Yes, with conditions as follows:

No

Name of Company:

Crafco, Inc.

Address:

6165 West Detroit Street, Chandler, AZ 85226

Signature:

N. Thomas Kelly, Vice President/National Sales Manager

Date:

5/22/2019

SUPPLIER PART NUMBER	ITEM DESCRIPTION	EXTENDED DESCRIPTION	UNIT OF MEASURE	LIST PRICE	DELIVERY DAYS
33339-PAL-PU	Asphalt Pavement Repair Mastic,Hot,Pallet,Box,P/U	Picked up at vendor's location, Material in 40lb Box Configuration, 60 Boxes Per Pallet	BOX	\$26.00	14
33339-PM-PAL-PU	Asphalt Pavement Repair Mastic,Hot,Pallet,Plexi-Melt,P/U	Hot Applied Asphalt Pavement Repair Mastic, Picked up at vendor's location, 30lbs Per Plexi-Melt (Boxless Configuration) Pkg, 70 Pkgs Per Pallet	PKG	\$21.00	14
33339-PAL-SCAR	Asphalt Pavement Repair Mastic,Hot,Pallet,Box,Scar	Hot Applied Asphalt Pavement Repair Mastic, Delivered to Scarborough, FOB Destination Pricing, Material in 40lb Box Configuration, 60 Boxes Per Pallet	BOX	\$27.20	14
33339-TRK-SCAR	Asphalt Pavement Repair Mastic,Hot,Truck,Box,Scar	Hot Applied Asphalt Pavement Repair Mastic, Delivered to Scarborough, FOB Destination Pricing, Material in 40lb Box Configuration, 60 Boxes Per Pallet, 20 Pallets Per Truckload	BOX	\$26.00	14
33339-PM-PAL-SCAR	Asphalt Pavement Repair Mastic,Hot,Pallet,Plexi-Melt,Scar	Hot Applied Asphalt Pavement Repair Mastic, Delivered to Scarborough, FOB Destination Pricing, 30lbs Per Plexi-Melt (Boxless Configuration) Pkg, 70 Pkgs Per Pallet	PKG	\$21.90	14
33339-PM-TRK-SCAR	Asphalt Pavement Repair Mastic,Hot,Truck,Plexi-Melt,Scar	Hot Applied Asphalt Pavement Repair Mastic, Delivered to Scarborough, FOB Destination Pricing, 30lbs Per Plexi-Melt (Boxless Configuration) Pkg, 70 Pkgs Per Pallet, 20 Pallets Per truckload	PKG	\$21.00	14
33339-PAL-WG	Asphalt Pavement Repair Mastic,Hot,Pallet,Box,W.Gard	Hot Applied Asphalt Pavement Repair Mastic, Delivered to West Gardiner, FOB Destination Pricing, Material in 40lb Box Configuration, 60 Boxes Per Pallet	BOX	\$27.60	14
33339-TRK-WG	Asphalt Pavement Repair Mastic,Hot,Truck,Box,W.Gard	Hot Applied Asphalt Pavement Repair Mastic, Delivered to West Gardiner, FOB Destination Pricing, Material in 40lb Box Configuration, 60 Boxes Per Pallet, 20 Pallets Per Truckload	BOX	\$28.80	14
33339-PM-PAL-WG	Asphalt Pavement Repair Mastic,Hot,Pallet,Plexi-Melt,W.Gard	Hot Applied Asphalt Pavement Repair Mastic, Delivered to West Gardiner, FOB Destination Pricing, 30lbs Per Plexi-Melt (Boxless Configuration) Pkg, 70 Pkgs Per Pallet	PKG	\$22.20	14
33339-PM-TRK-WG	Asphalt Pavement Repair Mastic,Hot,Truck,Plexi-Melt,W.Gard	Hot Applied Asphalt Pavement Repair Mastic, Delivered to West Gardiner, FOB Destination Pricing, 30lbs Per Plexi-Melt (Boxless Configuration) Pkg, 70 Pkgs Per Pallet, 20 Pallets Per truckload	PKG	\$21.30	14
33339-PAL-DIX	Asphalt Pavement Repair Mastic,Hot,Pallet,Box,Dixfield	Hot Applied Asphalt Pavement Repair Mastic, Delivered to Dixfield, FOB Destination Pricing, Material in 40lb Box Configuration, 60 Boxes Per Pallet	BOX	\$27.40	14
33339-TRK-DIX	Asphalt Pavement Repair Mastic,Hot,Truck,Box,Dixfield	Hot Applied Asphalt Pavement Repair Mastic, Delivered to Dixfield, FOB Destination Pricing, Material in 40lb Box Configuration, 60 Boxes Per Pallet, 20 Pallets Per Truckload	BOX	\$26.20	14
33339-PM-PAL-DIX	Asphalt Pavement Repair Mastic,Hot,Pallet,Plexi-Melt,Dixfiel	Hot Applied Asphalt Pavement Repair Mastic, Delivered to Dixfield, FOB Destination Pricing, 30lbs Per Plexi-Melt (Boxless Configuration) Pkg, 70 Pkgs Per Pallet	PKG	\$22.05	14
33339-PM-TRK-DIX	Asphalt Pavement Repair Mastic,Hot,Truck,Plexi-Melt,Dixfield	Hot Applied Asphalt Pavement Repair Mastic, Delivered to Dixfield, FOB Destination Pricing, 30lbs Per Plexi-Melt (Boxless Configuration)Pkg, 70 Pkgs Per Pallet, 20 Pallets Per truckload	PKG	\$21.45	14

33339-PAL-CAR	Asphalt Pavement Repair Mastic,Hot,Pallet,Box,Carmel	Hot Applied Asphalt Pavement Repair Mastic, Delivered to Carmel, FOB Destination Pricing, Material in 40lb Box Configuration, 60 Boxes Per Pallet	BOX	\$28.00	14
33339-TRK-CAR	Asphalt Pavement Repair Mastic,Hot,Truck,Box,Carmel	Hot Applied Asphalt Pavement Repair Mastic, Delivered to Carmel, FOB Destination Pricing, Material in 40lb Box Configuration, 60 Boxes Per Pallet, 20 Pallets Per Truckload	BOX	\$26.80	14
33339-PM-PAL-CAR	Asphalt Pavement Repair Mastic,Hot,Pallet,Plexi-Melt,Carmel	Hot Applied Asphalt Pavement Repair Mastic, Delivered to Carmel, FOB Destination Pricing, 30lbs Plexi-Melt (Boxless Configuration) Per Pkg, 70 Pkgs Per Pallet	PKG	\$22.50	14
33339-PM-TRK-CAR	Asphalt Pavement Repair Mastic,Hot,Truck,Plexi-Melt,Carmel	Hot Applied Asphalt Pavement Repair Mastic, Delivered to Carmel, FOB Destination Pricing, 30lbs Per Plexi-Melt (Boxless Configuration) Pkg, 70 Pkgs Per Pallet, 20 Pallets Per truckload	PKG	\$21.60	14
33339-PAL-BANG	Asphalt Pavement Repair Mastic,Hot,Pallet,Box,Bangor	Hot Applied Asphalt Pavement Repair Mastic, Delivered to Bangor, FOB Destination Pricing, Material in 40lb Box Configuration, 60 Boxes Per Pallet	BOX	\$28.00	14
33339-TRK-BANG	Asphalt Pavement Repair Mastic,Hot,Truck,Box,Bangor	Hot Applied Asphalt Pavement Repair Mastic, Delivered to Bangor, FOB Destination Pricing, Material in 40lb Box Configuration, 60 Boxes Per Pallet, 20 Pallets Per Truckload	BOX	\$26.80	14
33339-PM-PAL-BANG	Asphalt Pavement Repair Mastic,Hot,Pallet,Plexi-Melt,Bangor	Hot Applied Asphalt Pavement Repair Mastic, Delivered to Bangor, FOB Destination Pricing, 30lbs Per Plexi-Melt (Boxless Configuration) Pkg, 70 Pkgs Per Pallet	PKG	\$22.50	14
33339-PM-TRK-BANG	Asphalt Pavement Repair Mastic,Hot,Truck,Plexi-Melt,Bangor	Hot Applied Asphalt Pavement Repair Mastic, Delivered to Bangor, FOB Destination Pricing, 30lbs Per Plexi-Melt (Boxless Configuration) Pkg, 70 Pkgs Per Pallet, 20 Pallets Per truckload	PKG	\$21.60	14
33339-PAL-HAN	Asphalt Pavement Repair Mastic,Hot,Pallet,Box,Hancock	Hot Applied Asphalt Pavement Repair Mastic, Delivered to Hancock, FOB Destination Pricing, Material in 40lb Box Configuration, 60 Boxes Per Pallet	BOX	\$28.40	14
33339-TRK-HAN	Asphalt Pavement Repair Mastic,Hot,Truck,Box,Hancock	Hot Applied Asphalt Pavement Repair Mastic, Delivered to Hancock, FOB Destination Pricing, Material in 40lb Box Configuration, 60 Boxes Per Pallet, 20 Pallets Per Truckload	BOX	\$27.20	14
33339-PM-PAL-HAN	Asphalt Pavement Repair Mastic,Hot,Pallet,Plexi-Melt,Hancock	Hot Applied Asphalt Pavement Repair Mastic, Delivered to Hancock, FOB Destination Pricing, 30lbs Per Plexi-Melt (Boxless Configuration) Pkg, 70 Pkgs Per Pallet	PKG	\$22.80	14
33339-PM-TRK-HAN	Asphalt Pavement Repair Mastic,Hot,Truck,Plexi-Melt,Hancock	Hot Applied Asphalt Pavement Repair Mastic, Delivered to Hancock, FOB Destination Pricing, 30lbs Per Plexi-Melt (Boxless Configuration) Pkg, 70 Pkgs Per Pallet, 20 Pallets Per truckload	PKG	\$21.90	14
33339-PAL-PEM	Asphalt Pavement Repair Mastic,Hot,Pallet,Box,Pembroke	Hot Applied Asphalt Pavement Repair Mastic, Delivered to Pembroke, FOB Destination Pricing, Material in 40lb Box Configuration, 60 Boxes Per Pallet	BOX	\$28.40	14
33339-TRK-PEM	Asphalt Pavement Repair Mastic,Hot,Truck,Box,Pembroke	Hot Applied Asphalt Pavement Repair Mastic, Delivered to Pembroke, FOB Destination Pricing, Material in 40lb Box Configuration, 60 Boxes Per Pallet, 20 Pallets Per Truckload	BOX	\$27.20	14
33339-PM-PAL-PEM	Asphalt Pavement Repair Mastic,Hot,Pallet,Plexi-Melt,Pembroke	Hot Applied Asphalt Pavement Repair Mastic, Delivered to Pembroke, FOB Destination Pricing, 30lbs Per Plexi-Melt (Boxless Configuration) Pkg, 70 Pkgs Per Pallet	PKG	\$22.80	14

33339-PM-TRK-PEM	Asphalt Pavement Repair Mastic,Hot,Truck,Plexi-Melt,Pembroke	Hot Applied Asphalt Pavement Repair Mastic, Delivered to Pembroke, FOB Destination Pricing, 30lbs Per Plexi-Melt (Boxless Configuration) Pkg, 70 Pkgs Per Pallet, 20 Pallets Per truckload	PKG	\$21.90	14
33339-PAL-HOUL	Asphalt Pavement Repair Mastic,Hot,Pallet,Box,Houlton	Hot Applied Asphalt Pavement Repair Mastic, Delivered to Houlton, FOB Destination Pricing, Material in 40lb Box Configuration, 60 Boxes Per Pallet	BOX	\$28.60	14
33339-TRK-HOUL	Asphalt Pavement Repair Mastic,Hot,Truck,Box,Houlton	Hot Applied Asphalt Pavement Repair Mastic, Delivered to Houlton, FOB Destination Pricing, Material in 40lb Box Configuration, 60 Boxes Per Pallet, 20 Pallets Per Truckload	BOX	\$27.40	14
33339-PM-PAL-HOUL	Asphalt Pavement Repair Mastic,Hot,Pallet,Plexi-Melt,Houlton	Hot Applied Asphalt Pavement Repair Mastic, Delivered to Houlton, FOB Destination Pricing, 30lbs Per Plexi-Melt (Boxless Configuration) Pkg, 70 Pkgs Per Pallet	PKG	\$22.95	14
33339-PM-TRK-HOUL	Asphalt Pavement Repair Mastic,Hot,Truck,Plexi-Melt,Houlton	Hot Applied Asphalt Pavement Repair Mastic, Delivered to Houlton, FOB Destination Pricing, 30lbs Per Plexi-Melt (Boxless Configuration) Pkg, 70 Pkgs Per Pallet, 20 Pallets Per truckload	PKG	\$22.05	14
33339-PAL-PI	Asphalt Pavement Repair Mastic,Hot,Pallet,Box,Presque Isle	Hot Applied Asphalt Pavement Repair Mastic, Delivered to Presque Isle, FOB Destination Pricing, Material in 40lb Box Configuration, 60 Boxes Per Pallet	BOX	\$28.60	14
33339-TRK-PI	Asphalt Pavement Repair Mastic,Hot,Truck,Box,Presque Isle	Hot Applied Asphalt Pavement Repair Mastic, Delivered to Presque Isle, FOB Destination Pricing, Material in 40lb Box Configuration, 60 Boxes Per Pallet, 20 Pallets Per Truckload	BOX	\$27.40	14
33339-PM-PAL-PI	Asphalt Pavement Repair Mastic,Hot,Pallet,Plexi-Melt,PI	Hot Applied Asphalt Pavement Repair Mastic, Delivered to Presque Isle, FOB Destination Pricing, 30lbs Per Plexi-Melt (Boxless Configuration) Pkg, 70 Pkgs Per Pallet	PKG	\$22.95	14
33339-PM-TRK-PI	Asphalt Pavement Repair Mastic,Hot,Truck,Plexi-Melt,PI	Hot Applied Asphalt Pavement Repair Mastic, Delivered to Presque Isle, FOB Destination Pricing, 30lbs Per Plexi-Melt (Boxless Configuration) Pkg, 70 Pkgs Per Pallet, 20 Pallets Per truckload	PKG	\$22.05	14
33339-PAL-OTHER	Asphalt Pavement Repair Mastic,Hot,Pallet,Box,Other	Hot Applied Asphalt Pavement Repair Mastic, Delivered to Non-Listed State Facility, FOB Destination Pricing, Material in 40lb Box Configuration, 60 Boxes Per Pallet	BOX	\$28.60	14
33339-TRK-OTHER	Asphalt Pavement Repair Mastic,Hot,Truck,Box,Other	Hot Applied Asphalt Pavement Repair Mastic, Delivered to Non-Listed State Facility, FOB Destination Pricing, Material in 40lb Box Configuration, 60 Boxes Per Pallet, 20 Pallets Per Truckload	BOX	\$27.40	14
33339-PM-PAL-OTHER	Asphalt Pavement Repair Mastic,Hot,Pallet,Plexi-Melt,Other	Hot Applied Asphalt Pavement Repair Mastic, Delivered to Non-Listed State Facility, FOB Destination Pricing, 30lbs Per Plexi-Melt (Boxless Configuration) Pkg, 70 Pkgs Per Pallet	PKG	\$22.95	14
33339-PM-TRK-OTHER	Asphalt Pavement Repair Mastic,Hot,Truck,Plexi-Melt,Other	Hot Applied Asphalt Pavement Repair Mastic, Delivered to Non-Listed State Facility, FOB Destination Pricing, 30lbs Per Plexi-Melt (Boxless Configuration) Pkg, 70 Pkgs Per Pallet, 20 Pallets Per truckload	PKG	\$22.05	14



SAFETY DATA SHEET

1. Identification

Product identifier	Crafco Mastic, Polypatch and Matrix Products
Other means of identification	Not available.
Recommended use	Pavement Patching and Repair
Recommended restrictions	None known.
Manufacturer/Importer/Supplier/Distributor information	
Manufacturer	
Manufacturer:	Crafco, Inc.
Address:	6165 West Detroit St. Chandler, AZ 85226 USA
Contact Name:	Jim Chehovits
Telephone:	602-276-0406
E-mail:	jim.chehovits@crafco.com
CHEMTREC:	800-424-9300 (North America) + 1-703-527-3887 (International)

2. Hazard(s) identification

Physical hazards	Not classified.
Health hazards	Not classified.
Environmental hazards	Not classified.
OSHA defined hazards	Not classified.

*Hazards not stated here are "Not classified", "Not applicable" or "Classification not possible".

Label elements

Hazard symbol	None.
Signal word	Not applicable.
Hazard statement	Not applicable.
Prevention	Not applicable.
Response	Not applicable.
Storage	Not applicable.
Disposal	Not applicable.
Hazard(s) not otherwise classified (HNOC)	None known.
Supplemental information	None.

3. Composition/information on ingredients

Mixtures

Chemical name	Common name and synonyms	CAS number	%
DISTILLATES (PETROLEUM), HYDROTREATED HEAVY NAPHTHENIC		64742-52-5	0 - 10
QUARTZ		14808-60-7	0 - 75
ASPHALT		8052-42-4	10 - 40
CALCIUM CARBONATE		471-34-1	0 - 10
Other components below reportable levels			0 - 75

4. First-aid measures

Inhalation	If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. Get medical attention, if needed. Call a physician if symptoms develop or persist.
Skin contact	In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Thoroughly wash (or discard) clothing and shoes before reuse.

Eye contact	Immediately flush eyes with plenty of water for at least 15 minutes. If a contact lens is present, DO NOT delay irrigation or attempt to remove the lens. Get medical attention if irritation develops and persists.
Ingestion	Rinse mouth. Do not induce vomiting. Do not use mouth-to-mouth method if victim ingested the substance. Call a POISON CENTER or doctor/physician if you feel unwell.
Most important symptoms/effects, acute and delayed	Not available.
Indication of immediate medical attention and special treatment needed	In case of ingestion, the decision of whether or not to induce vomiting should be made by the attending physician. Certain pre-existing conditions may make workers particularly susceptible to the effects of this chemical: asthma, allergies, impaired pulmonary function.
General information	If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Discard any shoes or clothing items that cannot be decontaminated.

5. Fire-fighting measures

Suitable extinguishing media	Water fog. Foam. Dry chemical powder. Carbon dioxide (CO ₂). Addition of water or foam to the fire may cause frothing.
Unsuitable extinguishing media	Do not use a solid water stream as it may scatter and spread fire.
Specific hazards arising from the chemical	Fire may produce irritating, corrosive and/or toxic gases. Development of hazardous combustion gases or vapours possible in the event of a fire. The following may develop: Acrolein.
Special protective equipment and precautions for firefighters	Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA. Firefighters should wear full protective clothing including self contained breathing apparatus. Structural firefighters protective clothing will only provide limited protection.
Fire-fighting equipment/instructions	In case of fire and/or explosion do not breathe fumes. Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA. ALWAYS stay away from tanks engulfed in flame. Fight fire from maximum distance or use unmanned hose holders or monitor nozzles. In the event of fire, cool tanks with water spray. By fire, toxic gases may be formed (CO _x , NO _x). Keep run-off water out of sewers and water sources. Dike for water control.
Specific methods	In the event of fire and/or explosion do not breathe fumes. In the event of fire, cool tanks with water spray. Use water spray to cool unopened containers.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures	Keep unnecessary personnel away. Wear appropriate protective equipment and clothing during clean-up. Ventilate closed spaces before entering them. Do not touch or walk through spilled material.
Methods and materials for containment and cleaning up	ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Dike far ahead of spill for later disposal. Following product recovery, flush area with water. Never return spills in original containers for re-use.
Environmental precautions	Prevent further leakage or spillage if safe to do so. Runoff or release to sewer, waterway or ground is forbidden.

7. Handling and storage

Precautions for safe handling	The product is non-combustible. If heated, irritating vapors may be formed. Do not use in areas without adequate ventilation. Wash hands thoroughly after handling. Wash hands after handling. Observe good industrial hygiene practices.
Conditions for safe storage, including any incompatibilities	Prevent electrostatic charge build-up by using common bonding and grounding techniques. Store in a well-ventilated place. Keep the container tightly closed and dry. Store in a closed container away from incompatible materials. Keep out of the reach of children.

8. Exposure controls/personal protection

Occupational exposure limits

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value	Form
CALCIUM CARBONATE (CAS 471-34-1)	PEL	5 mg/m ³	Respirable fraction.
		15 mg/m ³	Total dust.

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value	Form
DISTILLATES (PETROLEUM), HYDROTREATED HEAVY NAPHTHENIC (CAS 64742-52-5)	PEL	5 mg/m ³	Mist.

US. OSHA Table Z-3 (29 CFR 1910.1000)

Components	Type	Value	Form
QUARTZ (CAS 14808-60-7)	TWA	0.3 mg/m ³ 0.1 mg/m ³ 2.4 mppcf	Total dust. Respirable. Respirable.

US. ACGIH Threshold Limit Values

Components	Type	Value	Form
ASPHALT (CAS 8052-42-4)	TWA	0.5 mg/m ³	Inhalable fraction.
QUARTZ (CAS 14808-60-7)	TWA	0.025 mg/m ³	Respirable fraction.

US. NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value	Form
ASPHALT (CAS 8052-42-4)	Ceiling	5 mg/m ³	Fume.
CALCIUM CARBONATE (CAS 471-34-1)	TWA	5 mg/m ³	Respirable.
DISTILLATES (PETROLEUM), HYDROTREATED HEAVY NAPHTHENIC (CAS 64742-52-5)	STEL	10 mg/m ³ 10 mg/m ³	Total Mist.
QUARTZ (CAS 14808-60-7)	TWA TWA	5 mg/m ³ 0.05 mg/m ³	Mist. Respirable dust.

Biological limit values

No biological exposure limits noted for the ingredient(s).

Appropriate engineering controls

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Ensure adequate ventilation, especially in confined areas.

Individual protection measures, such as personal protective equipment**Eye/face protection**

Wear safety glasses; chemical goggles (if splashing is possible). Wear chemical goggles; face shield (if handling molten material).

Hand protection

Chemical resistant gloves are recommended. If contact with forearms is likely wear gauntlet style gloves.

Other

Wear suitable protective clothing and eye/face protection. Use of an impervious apron is recommended.

Skin protection**Respiratory protection**

When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

Thermal hazards

During product use, there is a risk of thermal burns.

General hygiene considerations

When using do not smoke. Avoid contact with eyes. Avoid contact with skin. Keep away from food and drink. Handle in accordance with good industrial hygiene and safety practice.

9. Physical and chemical properties

Appearance	Solid.
Physical state	Solid.
Form	Solid.
Color	Black. Dark brown
Odor	Product is a black, semi-solid with a burnt tar odor.
Odor threshold	Not available.
pH	Not available.

Melting point/freezing point	150 - 250 °F (65.56 - 121.11 °C) ASTM D36 Softening Point
Initial boiling point and boiling range	> 800 °F (> 426.67 °C)
Flash point	> 400.0 °F (> 204.4 °C)
Evaporation rate	Not available.
Flammability (solid, gas)	Not available.
Upper/lower flammability or explosive limits	
Flammability limit - lower (%)	Not available.
Flammability limit - upper (%)	Not available.
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapor pressure	2.04 hPa estimated
Vapor density	Not available.
Relative density	Not available.
Solubility(ies)	
Solubility (water)	Not available.
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	> 700 °F (> 371.11 °C)
Decomposition temperature	Not available.
Viscosity	Not available.
Other information	
Density	Not Available
Percent volatile	0 %
Specific gravity	1 - 2.2

10. Stability and reactivity

Reactivity	Not available.
Chemical stability	Material is stable under normal conditions.
Possibility of hazardous reactions	Hazardous polymerization does not occur.
Conditions to avoid	Strong oxidizing agents.
Incompatible materials	Incompatible with oxidizing agents.
Hazardous decomposition products	Upon decomposition, product emits acrid dense smoke with carbon dioxide, carbon monoxide, trace oxides of nitrogen and sulfur, and water.

11. Toxicological information

Information on likely routes of exposure

Ingestion	May cause discomfort if swallowed. However, ingestion is not likely to be a primary route of occupational exposure.
Inhalation	May cause irritation to the respiratory system.
Skin contact	Irritating to skin.
Eye contact	Causes eye irritation. Molten material will produce thermal burns.

Symptoms related to the physical, chemical and toxicological characteristics Not available.

Information on toxicological effects

Acute toxicity

Product	Species	Test Results
Crafco Mastic, Polypatch and Matrix Products (CAS Mixture)		
Acute		
<i>Oral</i>		
LD50	Mouse	17340.7969 mg/kg estimated

Product	Species	Test Results
	Rat	18934.6973 mg/kg estimated
Components	Species	Test Results
CALCIUM CARBONATE (CAS 471-34-1)		
Acute		
<i>Oral</i>		
LD50	Mouse	6450 mg/kg
	Rat	6450 mg/kg

* Estimates for product may be based on additional component data not shown.

Skin corrosion/irritation	Defats the skin. Causes irritation.
Serious eye damage/eye irritation	Irritating to eyes.
Respiratory or skin sensitization	
Respiratory sensitization	Not available.
Skin sensitization	Irritating to skin.
Germ cell mutagenicity	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
Carcinogenicity	This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.
US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)	
Not listed.	
Reproductive toxicity	Contains no ingredient listed as toxic to reproduction
Specific target organ toxicity - single exposure	Not available.
Specific target organ toxicity - repeated exposure	Not available.
Aspiration hazard	Not available.
Chronic effects	Prolonged inhalation may be harmful. May cause eczema-like skin disorders (dermatitis).

12. Ecological information

Ecotoxicity This product has no known eco-toxicological effects. Not expected to be harmful to aquatic organisms.

Components	Species	Test Results
CALCIUM CARBONATE (CAS 471-34-1)		
Aquatic		
Fish	LC50	Western mosquitofish (<i>Gambusia affinis</i>) > 56000 mg/l, 96 hours

* Estimates for product may be based on additional component data not shown.

Persistence and degradability	Not available.
Bioaccumulative potential	Not available.
Mobility in soil	Not available.
Other adverse effects	Not available.

13. Disposal considerations

Disposal instructions	Dispose of contents/container in accordance with local/regional/national/international regulations. When this product as supplied is to be discarded as waste, it does not meet the definition of a RCRA waste under 40 CFR 261.
Hazardous waste code	Not applicable.
Waste from residues / unused products	Dispose of in accordance with local regulations.
Contaminated packaging	Offer rinsed packaging material to local recycling facilities.

14. Transport information

DOT	Not regulated as dangerous goods.
IATA	Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not available.

Further information If the product is shipped at temperatures below 212°F (100°C), it is not regulated for transport by ground, air or vessel. If shipped above 212 deg F: "UN3257, Elevated Temperature Liquid, n.o.s. (Asphalt mixture), 9, PG III"

15. Regulatory information

US federal regulations All components are on the U.S. EPA TSCA Inventory List.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)

Not listed.

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories
 Immediate Hazard - No
 Delayed Hazard - No
 Fire Hazard - No
 Pressure Hazard - No
 Reactivity Hazard - No

SARA 302 Extremely hazardous substance

Not listed.

SARA 311/312 No

Hazardous chemical**SARA 313 (TRI reporting)**

Not regulated.

Other federal regulations**Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List**

Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

Safe Drinking Water Act (SDWA) Not regulated.

US state regulations WARNING: This product contains a chemical known to the State of California to cause cancer.

US. Massachusetts RTK - Substance List

ASPHALT (CAS 8052-42-4)
 CALCIUM CARBONATE (CAS 471-34-1)
 QUARTZ (CAS 14808-60-7)

US. New Jersey Worker and Community Right-to-Know Act

Not regulated.

US. Pennsylvania RTK - Hazardous Substances

ASPHALT (CAS 8052-42-4)
 CALCIUM CARBONATE (CAS 471-34-1)
 QUARTZ (CAS 14808-60-7)

US. Rhode Island RTK

Not regulated.

US. California Proposition 65**US - California Proposition 65 - CRT: Listed date/Carcinogenic substance**

ASPHALT (CAS 8052-42-4) Listed: January 1, 1990
 QUARTZ (CAS 14808-60-7) Listed: October 1, 1988

International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	Yes

Country(s) or region	Inventory name	On inventory (yes/no)*
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	Yes
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

16. Other information, including date of preparation or last revision

Issue date 02-27-2015

Version # 01

Further information HMIS® is a registered trade and service mark of the NPCA.

References
 ACGIH
 EPA: AQUIRE database
 US. IARC Monographs on Occupational Exposures to Chemical Agents
 HSDB® - Hazardous Substances Data Bank
 IARC Monographs. Overall Evaluation of Carcinogenicity
 National Toxicology Program (NTP) Report on Carcinogens
 ACGIH Documentation of the Threshold Limit Values and Biological Exposure Indices

Disclaimer
 The information in the sheet was written based on the best knowledge and experience currently available. The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

Revision Information
 Product and Company Identification: Product and Company Identification
 Composition / Information on Ingredients: Ingredients
 Physical & Chemical Properties: Multiple Properties
 Transport Information: Material Transportation Information
 Transport information: Further information
 Regulatory Information: Risk Phrases - Class.