



**Permanent Pavement
Repair Material**

UPM[®] Permanent Pavement Repair Material

Product Description

UPM[®] Permanent Pavement Repair Material is a high performance cold patch asphalt mix that can be used by municipalities, contractors business and home owners to fill potholes year round.

Recommended Uses

Use to repair roadways, parking lots, jogging, bicycle and walking paths, driveways and other asphalt and concrete pavements.

Benefits / Features

- Year round use
- Ready-to-use – No primer or tacking materials are required prior to patching.
- Permanent repairs – UPM mix repairs have been proven* to outlast the surrounding pavement. (*Strategic Highway Research Program – SHRP-H-106 Report plus other independent studies)
- All weather application – Permanent repairs under wet or dry weather conditions.
- Seasonal grades – Specific formulations to accommodate year-round patching requirements.
- Easy to use – Pour or shovel UPM mix into the pothole using our 3-step method.

Limitations

Not intended for applications on unsound pavements. For overlay applications at least one test section should be prepared to evaluate the suitability of the materials and procedures. Do not seal coat over new patches for at least 30 days to allow for proper curing.

Surface Preparation

The area to be repaired should be cleaned and swept to remove loose fragments and debris from the area providing a solid base and clean edges.

For Best Results

Use the appropriate grade of **UPM** mix for the ambient temperature at the time the mix is being applied. Compact the mix before opening to traffic.

UPM Mix Seasonal Grade	To Be Applied When Outdoor Temperature is:
Winter	40° F and Below (4° C and Below)
Spring/Fall	40° to 60° F (4° to 16° C)
Summer	60° to 80° F (16° to 27° C)
Extreme Summer	80° F and Above (27° C and Above)

Mixing

No mixing is required.

Placement

Shovel or pour **UPM** mix into the hole and level out 25% higher than desired depth to allow for compaction. Compact **UPM** mix with a hand tamper, roller or plate compactor. For deep potholes, apply and compact **UPM** mix in separate 2" layers.

Coverage

10 lbs. of **UPM** mix covers one square foot, one inch deep.
Coverage Rate @ 2" Deep

Unit	Square feet
1 ton	100
660# drum	33
60# pail	3
50# bag	2.5
24# pail	1.2

Shelf Life

Two years if stored in an unopened pail or drum, 18 months in an unopened bag, bulk tonnage shelf life varies due to physical .

Another Quality Product Available From UNIQUE
3993 East 93rd Street Cleveland, OH 44105
800-441-4880
www.uniquepavingmaterials.com





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Packaging

50 # plastic bag (net weight) 56 bags per stretch wrapped pallet.
24 # plastic 2-gallon pail (net weight)
80 pails per stretch wrapped pallet
60 # plastic 5-gallon pail (net weight)
36 pails per stretch wrapped pallet
72 # plastic 6-gallon pail (net weight)
36 pails per stretch wrapped pallet
660 # 55-gallon steel drum (net weight)
4 drums per stretch wrapped pallet
2000 # Super sack

1 super sack per pallet

Truckload quantities:

896 - 50 # bags per truckload
1600 - 24 # pails per truckload
792 - 60 # pails per truckload
528 - 72 # pails per truckload
64 - 660 # drums per truckload
22 - 2000 # super sacks per truckload

Freight

Class 55

Caution

Petroleum Solvent: IARC has determined that Petroleum Solvent contains components that may be carcinogenic. Prolonged and repeated applications of petroleum solvent to the skin of laboratory animals have been shown to produce skin tumors. Tumors were produced in association with marked irritation. IARC has classified combustion products of petroleum solvent as probable human carcinogens. Lifetime exposure to these combustion products has been shown to cause cancer in laboratory animals. However, no combustion products are expected to be generated from the intended use of **UPM Asphalt Cold Mix**. Consequently, inhalation of petroleum solvent combustion products is not a relevant exposure for people working with these materials under normal conditions. For further information, please refer to the Safety Data Sheet.

Limestone: Limestone (calcium carbonate) is not on the NTP, IARC or ASHA list of known or potential carcinogens. The potential health concern from the use of crushed limestone is from the dust that may be created. Calcium carbonate dust can cause coughing, sneezing and nasal irritation. Limestone dust may contain respirable silica particles that may cause silicosis if inhaled at high enough concentrations over a prolonged period of time. Injurious to eyes and causes skin irritation. Avoid eye contact or prolonged contact with skin. Wash thoroughly after handling. In case of eye contact, flush with plenty of water for at least 15 minutes. Consult a physician immediately if irritation persists. Keep out of reach of children. Do not take internally.

Limited Warranty:

UNIQUE Paving Materials Corporation (UNIQUE) warrants that at the time and place we make shipment our materials will be of good quality and will conform with our published specifications in force on the date of acceptance of the order. THE FOREGOING WARRANTY SHALL BE EXCLUSIVE AND IN LIEU OF ANY OTHER WARRANTY, EXPRESSED OR IMPLIED. WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE AND ALL OTHER WARRANTIES OTHERWISE ARISING BY OPERATION OF LAW, COURSE OF DEALING, CUSTOM OR TRADE OR OTHERWISE ARE SPECIFICALLY DISCLAIMED. As the exclusive remedy for breach of this warranty, we will replace defective materials, provided, however, that the buyer examines the material when received and promptly notifies us in writing of any defect before the materials are used or incorporated into structure. Three (3) months after UNIQUE has shipped the materials, all our warranty and other duties with respect to the quality of the materials delivered shall conclusively be presumed to have been satisfied, all liability therefor terminates, and no action for breach of any duties may thereafter be commenced. UNIQUE shall in no event be liable for consequential damages. No warranty is made with respect to materials not manufactured by UNIQUE.

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