

JUL 15 1997



STATE OF LOUISIANA
DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT
MATERIALS AND TESTING SECTION
5080 FLORIDA BOULEVARD
BATON ROUGE, LOUISIANA 70806



FRANK M. DENTON
SECRETARY

M. J. "MIKE" FOSTER, JR.
GOVERNOR

July 7, 1997

QUALIFIED PRODUCTS LIST 41
ASPHALTIC MATERIALS
QPL IDENT. NO. 41-117
EMULSIFIED PETROLEUM RESIN (EPR-1)

Mr. Michael P. Hopfe
Marketing Manager
Pennzoil Products Co.
P.O. Box 2967
Houston, TX 77252-2967

Dear Mr. Hopfe:

The Department has completed its evaluation of the above referenced Asphaltic Material. This material has been found to conform to listed specification requirements. It has been approved for use by the Department and listed on Qualified Products List 41: Asphaltic Materials. This product will be listed as follows:

<u>PRODUCT SOURCE CODE</u>	<u>PRODUCT</u>	<u>SOURCE</u>
4198	Emulsified Petroleum Resin (EPR-1) (PennzSuppress D)	Pennzoil Products Company P.O. Box 2967 Houston, TX 77252-2967

Please note that all Asphaltic Material to be used by the Department, regardless of prior approval, shall be sampled in accordance with the Materials Sampling Manual and tested for specification conformance. Non-conformance with the specifications may result in the removal of the product from the Qualified Products List.

If you should require any assistance, please contact Mr. Jason K. Davis at (504) 929-9166.

Yours truly,

JARVIS J. POCHÉ, P.E.
MATERIALS ENGINEER ADMINISTRATOR

JJP:jkd

Attachment

cc: Mr. Henry W. Lacinak, Jr.
Ms. Beth Landry

AN EQUAL OPPORTUNITY EMPLOYER
A DIVERSITY WORKPLACE



DEPARTMENT OF TRANSPORTATION
ENGINEERING SERVICE CENTER
DIVISION OF MATERIALS ENGINEERING AND TESTING SERVICES - MS #5
5900 POLSOM BLVD.
SACRAMENTO, CA 95819-4612
(916) 227-7185
FAX (916) 227-7075
HQ TDD (916) 654-4014

March 28, 2000

File: NPE 99-12-007
PennzSuppress D (Dust)

Mr. Colin Kimball
Pennzoil-Quaker State Company
P. O. Box 2967
Houston, TX 77252-2967

Dear Mr. Kimball:

The following new product: "PennzSuppress D", tracking number 99-12-007, has been reviewed by a "needs assessment" committee. This committee has determined that the California Department of Transportation (Caltrans) has a need for this type of product. Since it has been used successfully on several Caltrans projects, it is approved for use as a dust suppressant on future projects where a dust suppressant is required. No further testing or evaluation will be performed.

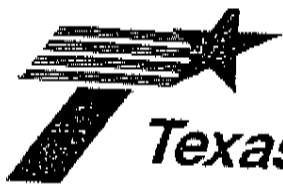
Thank you for giving Caltrans an opportunity to review this product. If you have any questions regarding the new product review process, please contact me at (916) 227-7185.

Sincerely,

Donald E. Fogle

DONALD E. FOGLE
New Products Coordinator
Office of Testing and Technology Services

c RPieplow - Construction
MMahmoudzadeh - Construction



Texas Department of Transportation

RESEARCH AND TECHNOLOGY TRANSFER OFFICE
P.O. BOX 5080 • AUSTIN, TEXAS 78763-5080 • (512) 465-7403

August 3 , 1995

SUBJECT: New Product Evaluation for
Pennzsuppress D

OFFICE: RTT
(512) 465 - 7908
FILE: Prod Eval # 95-976

Mr. John R. Snedden
National Sales Manager
Penzoil Products Company
100 Penzoil Drive
Johnstown, PA. 15909

Dear Sir:

The Product Evaluation Committee has determined that your product conforms to department needs and is acceptable for use by the Texas Department of Transportation.

This letter should not be considered an endorsement of your product nor should it be used for promotional purposes.

Thank you for submitting your product for evaluation. If you have any questions, please contact Ms. Tanya Pavliska at (512) 465 - 7936.

Sincerely,

Jon P. Underwood, P.E.
Director, Research and
Technology Transfer Office



STATE OF ARKANSAS
DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY
8001 NATIONAL DRIVE, P.O. BOX 8913
LITTLE ROCK, ARKANSAS 72219-8913
PHONE: (501) 562-7444
FAX: (501) 562-4632



May 12, 1995

Doug Taylor
Sales Engineer
Pennzoil Products Co.
2625 Wagner Place
Maryland Heights, MO 63043

RE: Approval to Utilize "Pennzsuppress D" Dust Suppressant
in the State of Arkansas

Dear Mr. Taylor:

Water Division staff members have reviewed the product information and approval request submitted by Pennzoil concerning the "Pennzsuppress D" dust suppressant product. Based on the information submitted concerning this product, the Department hereby grants formal approval for the use of "Pennzsuppress D" in the State of Arkansas.

The Department requests Pennzoil Products Co. field personnel take special care in making sure each of their Arkansas clients utilizing this product are aware the application should be made on road surfaces which have been properly prepared, make sure the product is applied evenly and finally make sure there is no runoff or accumulation of the product in or along road ditches or drainage ways. Every effort should be under taken to assure this product does not enter the "waters of the State". Your cooperation is appreciated.

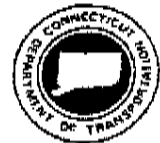
Feel free to contact me at (501) 562-7444 if you have any questions or comments.

Sincerely,

Gerald Delavan, P.G.
Senior Geologist
Water Divisions



STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION



OFFICE OF RESEARCH AND MATERIALS

280 WEST STREET

ROCKY HILL, CONNECTICUT 06067-3502

Phone: (860) 258-0371, FAX: (860) 258-0399

July 17, 1998

Mr. Michael Hopfe
Penzoil Products Company
P.O. Box 2967
Houston, TX 77252-2967

Dear Mr. Hopfe:

Subject: PennzSupress D

Available information on the subject product has been reviewed by our Research Liaison Committee. The Committee has recommended that PennzSupress D be approved for use by special provision.

This letter is not an endorsement of PennzSupress D and shall in no way be used for promotional purposes, such as for advertisement in a trade magazine, etc. Your cooperation is appreciated.

Sincerely,

Keith R. Lane, P.E.
Director of Research and Materials
Bureau of Engineering and
Highway Operations

cc: Marty Courneen

FILE: PennzSupress - ~~Ag~~ State Approvals - Connecticut
An Equal Opportunity Employer
Printed on Recycled or Recovered Paper

STATE OF MISSOURI
DEPARTMENT OF NATURAL RESOURCES

McLambert, Governor • David A. Siler, Director

DIVISION OF ENVIRONMENTAL QUALITY
P.O. Box 176 Jefferson City, MO 65102-0176

April 11, 1996

Mr. Michael Hopfe
Pennzoil Company
100 Pennzoil Drive
Johnstown, PA 15909-4232

Dear Mr. Hopfe:

We have reviewed the information and toxicity data you submitted for PennzSuppress D dust suppressant. It seems that its fast set-up properties and relatively low toxicity would warrant relaxation of our standard prohibition against dust-suppressant use within a certain distance of streams and lakes. We agree that if a positive water-quality benefit can accrue from control of solids in areas near streams, that benefit should be considered.

Therefore, the prohibition of use within a minimum-distance of certain waterbodies for dust-control agents will be waived and your suggested alternative conditions would apply. These conditions are as follows:

1. PennzSuppress D is utilized and applied in strict accordance with the manufacturer's recommendations;
2. It is not applied during or immediately prior to rain counts;
3. It is not applied directly to stream banks;
4. It is not applied within 100' of a sinkhole or other direct conduit to groundwater or reservoirs used for drinking water; and,
5. It is not applied in a manner that the Department may receive a complaint for unauthorized discharge.



STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION
1263 S. Stewart Street
Carson City, Nevada 89712

BOB MILLER, Governor

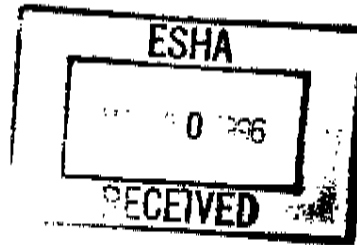
May 16, 1996

TOM STEPHENS, P.E., Director

In Reply Refer to:

PSD 9.10

Pennzoil Products Company
Attn: Michael P. Hopfe
P.O. Box 2967
Houston, TX 77252-2967



Dear Mr. Hopfe:

The Nevada Department of Transportation's Erosion Control Engineer has completed his review of the literature that you provided concerning your PennzSuppress D. Based on the information provided, he has determined that this product is acceptable as a dust palliative for use on a case-by-case basis. As such, your product has been added to an approved product list for this application, and your product literature will be retained by the department's Design Division for consideration on future projects.

Thank you for making us aware of your product. If you have any questions concerning this matter, please contact Garry L. Wood at (702) 888-7220.

Sincerely,

Alan R. Hilton
Research/Special Studies
Manager

ARH:GLW

cc: Mike Scott, Erosion Control Engineer
Gary Anderson, Specifications Engineer

DEPARTMENT OF TRANSPORTATION



1118 State Street
Harrisburg, Pennsylvania 17120
February 7, 1992

MR WAYNE J MARINCLIN MANAGER
INDUSTRIAL TECHNICAL SERVICE AND
QUALITY ADMINISTRATION
PENNZOIL PRODUCTS COMPANY
R D #6 BOX 208A
JOHNSTOWN PA 15909

Re: PEQ No. 91-177

Dear Mr. Marinclin:

We have completed laboratory evaluations of your Pennzsupsress-D, Emulsified Petroleum Resin Dust Palliative. We are pleased to inform you that your material, Pennzsupsress-D, meets current Department specifications for emulsified petroleum resins to be used as dust palliatives.

Your company name and material will be included in the next update of Bulletin #15, APPROVED CONSTRUCTION MATERIALS, Miscellaneous Section, listed under Emulsified Petroleum Resins. Until that time, this letter may be used as proof of your inclusion in Bulletin #15 as a source of Emulsified Petroleum Resins used as dust palliatives.

It should be pointed out that even though you are an approved source, final acceptance of emulsified petroleum resins is based on lot certification testing for conformity to the specifications, before it may be used on a state highway project. A copy of Section 702 - Bituminous Material is enclosed for your information.

If you have any questions, please contact Mr. Stephen C. Fulk, Bituminous Testing Section, at 717-787-2707 and refer to PEQ No. 91-177.

Sincerely,

Charles A. Kline

Charles A. Kline, P.E., Chief
Materials and Testing Division
Bureau of Construction & Materials

SCF
Ch. Kline
421/SCF/ah

CC: Division Chief's Reading File
*H. R. Basso
D. A. Maurer, P.E.
T. DiMartile

G. L. Hoffman, P.E.
E. Kazlauskas, P.E.
PEQ File 91-177
JMG Enterprises, R D #1,
Box 173B, Seward, PA 15954

*Please list in Bulletin #15.

DUST PALLIATIVE PennzSuppress D
CONDITIONS FOR USE WITH DETERMINATION OF ENVIRONMENTAL
COMPATIBILITY BY THE NEW YORK STATE DEPARTMENT OF
ENVIRONMENTAL CONSERVATION (DEC) IN CONSULTATION WITH THE
NEW YORK STATE DEPARTMENT OF HEALTH (DOH)
FOR THE NEW YORK STATE DEPARTMENT OF TRANSPORTATION (DOT)
APPROVED MATERIAL LIST
(UNTREATED OR TREATED USE)

Manufacturer: Pennzoil Products Co.

1. Pennzoil Products Company must ensure that every applicator of PennzSuppress D is provided a copy of these conditions and the Material Safety Data Sheet for the product.
2. These Conditions do not override the need for any applicator to obtain other permits (including DEC permits) or approvals that may be required (e.g. use associated with activities in or near regulated wetlands, surface waters, or other regulated natural resources) and to comply with all regulatory environmental standards.
3. PennzSuppress D must only be used as stated in these Conditions and must not be mixed with any other chemicals, including petroleum products.
4.
 - (a). The application rate and required surface moisture conditions shall be in accordance with the "Application Instructions for Dust Control" appended to these conditions.
 - (b). Using the above-cited Application Instructions, no more than a total of one gallon per square yard of the diluted product (4:1 dilution), which is equivalent to 0.2 gallon per square yard of concentrate, shall be applied per year.
5. PennzSuppress D must not be applied when the U.S. Weather Service forecasts:
 - (a). a maximum temperature for the 24 hour period immediately following proposed application of below 50 degrees F;
 - (b). **for the 36 hour period** immediately following proposed application, a maximum temperature between 50 and 65 degrees F and greater than 20 Percent probability of liquid precipitation;
 - (c). **for the 24 hour period** immediately following proposed application, a maximum temperature above 65 degrees F and greater than 20 Percent probability of liquid precipitation.
6. PennzSuppress D must not be applied or handled in a manner that could result in spillage or application within 100 feet of a wetland regulated by New York State, any other water body, any conduit to groundwater (such as a sinkhole), or a bridge over a water body.
7. Any spill which could enter the waters of the state shall be reported to the DEC Spill Hotline

JUL 15 1997



STATE OF LOUISIANA
DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT
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5080 FLORIDA BOULEVARD
BATON ROUGE, LOUISIANA 70806



M. J. "MIKE" FOSTER, JR.
GOVERNOR

July 7, 1997

FRANK M. DENTON
SECRETARY

QUALIFIED PRODUCTS LIST 41
ASPHALTIC MATERIALS
QPL IDENT. NO. 41-117
EMULSIFIED PETROLEUM RESIN (EPR-1)

Mr. Michael P. Hopfe
Marketing Manager
Pennzoil Products Co.
P.O. Box 2967
Houston, TX 77252-2967

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If you should require any assistance, please contact Mr. Jason K. Davis at (504) 929-9166.

Yours truly,

Jarvis J. Poche
JARVIS J. POCHÉ, P.E.
MATERIALS ENGINEER ADMINISTRATOR

JJP:jkd
Attachment
cc: Mr. Henry W. Lacinak, Jr.
Ms. Beth Landry

STATE OF LOUISIANA
 DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT
 MATERIAL TESTING SYSTEM
 EXCEPTION REPORT FOR THE TEST OF
 EPR-1 CATIONIC EMULSIFIED PETRO. RESIN(283)
 DISTRICT 22

07-03-97

PROJECT NUMBER..MATLAB
 LAB NUMBER.....22-645764
 IDENT.....41-117
 PURPOSE..SOURCE APPROVAL
 SUBMITTED BY..JARVIS J. POCHE - MATERIALS ENGINEER ADMIN.
 SOURCE...PENNZOIL PRODUCTS (HOUST.)EMULSIFIED PETROLEUM RES
 REMARKS..PENNSUPPRESS D/RETEST/REFER TO FAILING LAB #22-643501

DATE SAMPLED..04-09-97
 DATE TESTED...07-01-97
 QUANTITY.....AMPLE
 SPEC CODE.....1

ITEM NO..

TEST PROPERTY	VALUE	REMARKS
VISCOSITY, SAYBOLT, @ 25C (77F), SSF	22	PASS
RESIDUE BY EVAPORATION, % BY WT.	0170	PASS
PARTICLE CHARGE (1 = POS., 2 = NEG.)	1	PASS
SIEVE TEST (RETAINED ON NO. 20), %	0.0	PASS
SETTLEMENT, 5 DAYS, %	0.0	PASS

REMARKS..THE ABOVE TEST RESULTS CONFORM TO SPECIFICATIONS.

COPIES TO:
 JARVIS J. POCHE - MATERIALS ENGINEER ADMIN.
 DISTRICT LAB ENGINEER

MATERIALS ENGINEER BY

Henry W. Lechman, Jr.
 Henry W. Lechman, Jr.
 REG. No. 15055
 REGISTERED
 Professional Engineer
 IN
 CHEMICAL ENGINEERING