

# Experimental Products & Equipment For Highway Construction & Maintenance

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## TECHNICAL REPORT STANDARD TITLE PAGE

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The contents of this report reflect the views of the author who is responsible for the facts and the accuracy of the data presented herein. The contents do not necessarily reflect the official views of the Oklahoma Department of Transportation or the Federal Highway Administration. This report does not constitute a standard, specification, or regulation. While equipment and contractor names are used in this report, it is not intended as an edorsement of any machine, contractor, or product.

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## PREFACE

This publication contitutes a listing of experimental products and equipment that are being considered or evaluated by the Oklahoma Department of Transportation (ODOT), other transportation departments, or other agencies. The listing is continuously updated as new information is received.

A status of the evaluation is indicated for each item, showing the progress or result of the evaluation.

**PENDING:** The evaluation has been delayed.

UNDER EVALUATION: The evaluation is underway.

ACCEPTED: The evaluation has been completed and the item met the criteria under which it was evaluated. This does not necessarily mean that the item has been approved by ODOT or the FHWA for general use.

**<u>NOT ACCEPTED:</u>** The evaluation has been completed and the item did not meet the criteria under which it was evaluated.

No general conclusions should be drawn as to the overall suitability or acceptability of a product for it's intended use based on this listing alone. Interested parties should obtain further information from those agencies making the evaluation as a basis for determining the suitability for their own purposes. Consult the Research and Development Division, Oklahoma Department of Transportation for additional information. The address and telephone number is as follows:

> Research and Development Division Oklahoma Department of Transportation 200 N.E. 21st Street, Room 2A2 Oklahoma City, Oklahoma 73105 Telephone Number: (405)521-2671

## GENERAL INFORMATION ON ODOT'S PRODUCT EVALUATION PROCESS

### How Does the Product Evaluation Work at ODOT?

New products are evaluated in several different ways. A vendor may approach a Maintenance Engineer or Design Engineer with a new material. The engineer may try (or arrange to try) some. Often, vendors will give ODOT a free sample, or sell the product to ODOT at reduced cost, when it is to be used in an evaluation. The person trying the product may observe the performance and decide if using the new product is worthwhile. In other cases, the evaluation may be done by the ODOT Research Development Division, and the the evaluation and results are summarized in a written report.

### Is This a Problem?

This is good. All staff should have the ability to try new things in an effort to improve their jobs. The trial application, however, needs a thorough, systematic evaluation, where findings can then be distributed throughout the Department.

## How is This Done?

When someone tries a new product, we ask that they inform the Research Division of the trial. Research will assist in making arrangements for the evaluation. This can involve various activities. In some cases, it may be just receiving information, where field personnel do the evaluation. In other situations, it may be advantageous for Research Division personnel to conduct the evaluation and report the results.

## Doesn't This Cut Out the Field Personnel?

Field personnel can participate in the process to any degree that they wish. This can be anything from forgetting about the product after installation, to helping with the evaluation, to conducting the evaluation and reporting on the results.

## How Does the Materials Division Fit Into This?

Many new products already meet the requirements of our current Specifications book. In this case, an evaluation will not be necessary, but the vendor will still have to submit the samples required for testing. Also, the Materials Division maintains a list of products they have tested that have been accepted. If a Special Provision has to be written to allow the use of a new product, the Materials Division is usually involved in this.

In any case, the vendor should complete a "Preliminary Information for Product Evaluation" form (available from the Research Division). This form shows tests, specifications, etc. that the product passes and is useful for comparing to ODOT's requirements.

## Is This Mandatory?

When a new product (one that is not covered by existing specifications) is used on a Federal Aid Highway Project, the FHWA requires that it be evaluated as an experimental feature. On projects with no Federal participation, it is not required, although ODOT's current specifications apply.

## Since It's Not Required, Why Should Evaluations be Done?

Results of evalutions are useful to others across the state. Many products, which were new to ODOT when evaluated, have been proven to perform better than those in general use at the time. New products may benefit ODOT by lasting longer, improving structural characteristics, or requiring less time or labor. All of these things can result in lowered costs, on a life-cycle basis. Some evaluations demonstrate that a product fails, or has limited benefit compared to it's extra cost. This information is useful to others who may be considering it's use.

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9-30-92 ADHESIVES COLMA-DUR SIKA CHEMICAL CORPORATION OKLAHOMA RD-AASHO ACCEPTED R&D DIV. ODOT BONDS DRY CONCRETE, STEEL, STONE, WOOD, AND ETC. ALSO EVALUATED & ACCEPTED BY ARIZONA.

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10-26-92 BARRIERS, FENCING AND ROADSIDE STRUCTURES BREAKAWAY BARRICADE TYPE III NEVADA DEPARTMENT OF HIGHWAYS RD-6411 ACCEPTED 9/75 R&D DIV. ODOT BARRIERS ARE PVC CONDUIT WITH ALUMINUM PANELS.

02-01-93 BARRIERS, FENCING AND ROADSIDE STRUCTURES DURO-GLO SAFETY FENCE #L-72 DU PONT CANADA, INC. RD-6414 PENDING R&D DIV. ODOT POLYETHYLENE RESIN FENCING MATERIAL. ORANGE COLOR.

09-30-94 BARRIERS, FENCING AND ROADSIDE STRUCTURES GOODYEAR SUPER CUSHION RUBBER CROSSING GOODYEAR TIRE AND RUBBER CO. RD-6413 ACCEPTED BRIDGE DIV. ODOT RUBBER RAILROAD CROSSING PADS.

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10-26-93 BARRIERS, FENCING AND ROADSIDE STRUCTURES HIGHWAY GLARE SCREEN U.S. GYPSUM CO. RD-6403 ACCEPTED R&D DIV. ODOT INSTALLED IN MEDIAN. ELIMINATES HEADLIGHT GLARE FROM OPPOSING TRAFFIC.

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10-23-93BARRIERS, FENCING AND ROADSIDE STRUCTURESTIGER-TITE LOCKING RINGS AND PLIERSM-B INDUSTRIESRD-6415NOT ACCEPTEDR&D DIV. ODOTLOCK RINGS USED TO ASSEMBLE AND JOIN GABIONS.(NOT GALVANIZED).

03-25-92 BARRIERS, FENCING, AND ROADSIDE STRUCTURES SENTRE ENERGY ABSORPTION RD-6417 UNDER EVALUATION R&D DIV. ODOT ENERGY ABSORBING GUARDRAIL END TREATMENT.

04-12-92 BARRIERS, FENCING, AND ROADSIDE STRUCTURES QUICKCHANGE BARRIER SYSTEM BARRIER SYSTEMS, INC. RD-6418 ACCEPTED R & D DIV. ODOT EASILY MOVED, MEDIAN OR EDGE-TYPE BARRIER SYSTEM. USED IN PLACE OF NEW JERSEY BARRIER WHERE FREQUENT SHIFTS OF BARRIER WALL ARE REQUIRED TO OPEN OR CLOSE LANES. PROVIDES POSITIVE PROTECTION TO WORK CREWS AND MOTORISTS.

08-20-94 BARRIERS, FENCING, AND ROADSIDE STRUCTURES TREND ENERGY ABSORPTION RD-6419 UNDER EVALUATION TRAFFIC DIV. ODOT ENERGY ABSORBING BARRIER WALL END TREATMENT.

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02-23-92 BARRIERS, FENCING, AND ROADSIDE STRUCTURES. TERRA AQUA FASTENERS TERRA AQUA, INC. RD-6416 ACCEPTED R & D DIV.ODOT LOCK RINGS USED TO ASSEMBLE AND JOIN GABIONS. (GALVANIZED).

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10-04-94 BITUMINOUS MATERIALS AND ADDITIVES XE-261 LATEX POLYSAR LATEX RD-1005 UNDER EVALUATION R&D DIV. ODOT FOR LATEX MODIFIED ASPHALT PAVING. USED IN OPEN GRADED FRICTION COURSE.

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10-04-93 BITUMINOUS MATERIALS AND ADDITIVES OVER-FLEX CRAFCO RD-3306 UNDER EVALUATION R&D DIV. ODOT 23 % GRANULATED RUBBER, 77 % ASPHALT CEMENT. ADDED TO DENSE GRADED A.C. MIX.

12-10-93 BITUMINOUS MATERIALS AND ADDITIVES PLIOPAVE L-170 GOODYEAR TIRE AND RUBBER RD-1404 UNDER EVALUATION R&D DIV. ODOT SBR LATEX FOR MIXING WITH ASPHALT

11-22-92 BITUMINOUS MATERIALS AND ADDITIVES PLUSRIDE ALL SEASONS SURFACING CORPORATION RD-3304 NOT ACCEPTED R&D DIV. ODOT RUBBERIZED ASPHALTIC CEMENT.

03-28-92 BITUMINOUS MATERIALS AND ADDITIVES POLY FAST PAVE ELF AMERICA RD-1609 UNDER EVALUATION. R & D DIV., ODOT LATEX MODIFIED SLURRY SEAL.

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10-26-92 BITUMINOUS MATERIALS AND ADDITIVES PHILLIPS Y-12 FIBERS PHILLIPS PETROLEUM COMPANY RD-1706 NOT ACCEPTED R&D DIV. ODOT THE FIBERS BALL UP DURING THE MIXING OF THE FIBERS WITH THE ASPHALT, WILL NOT DISTRIBUTE EVENLY THROUGHOUT THE MIX.

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03-28-93 BITUMINOUS MATERIALS AND ADDITIVES RALUMAC RASCHIG CORP. RD-1608 UNDER EVALUATION R & D DIV., ODOT LATEX MODIFIED SLURRY SEAL.

12-15-93 BITUMINOUS MATERIALS AND ADDITIVES OVER-FLEX INTERNATIONAL SURFACING, INC. RD-3307 UNDER EVALUATION R & D DIV. ODOT RUBBERIZED ASPHALT. 17% GRANULATED RUBBER, 3% NATURAL RUBBER, 80% AC. ADDED TO 0.G.F.C. IN THIS EVALUATION.

11-22-94 BITUMINOUS MATERIALS AND ADDITIVES ARM-R-SHIELD ARIZONA REFINING COMPANY RD-3305 NOT ACCEPTED R&D DIV. ODOT ASPHALT-RUBBER COMPOUND.

OKLAHOMA

08-27-92 BITUMINOUS MATERIALS AND ADDITIVES CRS-2S BITUCOTE PRODUCTS CO. RD-3310 UNDER EVALUATION R&D DIV. ODOT USED FOR CRACKFILLER AND SEALCOATING. POLYMER MODIFIED ASPHALT.

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10-26-94 BITUMINOUS MATERIALS AND ADDITIVES CARSTAB BA-2000 CARSTAB CORPORATION RD-1608 ACCEPTED MATERIALS DIV. ODOT ANTI-STRIPPING AGENT FOR OPEN GRADED FRICTION COURSE, DENSE GRADED MIXES.

09-30-94 BITUMINOUS MATERIALS AND ADDITIVES CHEM-CRETE BITUMEN CHEM-CRETE CORPORATION RD-3303 NOT ACCEPTED R&D DIV. ODOT PAVING ASPHALT DESIGNED FOR STABILITY & DURABILITY.

OKLAHOMA

09-01-93 BITUMINOUS MATERIALS AND ADDITIVES NOVOPHALT NOVOPHALT AMERICA, INC. RD-1008 UNDER EVALUATION R & D DIV., ODOT. A.C. ADMIXTURE TO REDUCE RUTTING & SHOVING, RETARD CRACKING.

10-26-93 BITUMINOUS MATERIALS AND ADDITIVES FIBER PAVE HERCULES, INC. RD-3307 NOT ACCEPTED R & D DIV.,ODOT SHORT-LENGTH POLYPROPYLENE FIBERS FOR ASPHALT REINFORCEMENT IN HIGHWAY PAVING, PATCHING, SEAL COATING, CRACK SEALING, AND CURB-MIX DESIGN APPLICATIONS.

04-30-92 BITUMINOUS MATERIALS AND ADDITIVES MICROFIL 8 (CARBON BLACK) CABOT CO., BILLERICA, MA 01821 RD-1610 NOT ACCEPTED R & D DIV., ODOT INTENDED TO INCREASE RESISTANCE TO ULTRAVIOLET RAYS AND AGING, AND ADD DURABILITY. FAILS MOISTURE DAMAGE TEST (AASHTO T283). OKLAHOMA

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09-30-93 BITUMINOUS MATERIALS AND ADDITIVES DYLEX LATEX 1186 POLYSAR LATEX RD-1006 UNDER EVALUATION R&D DIV. ODOT FORMS A STYRENE-BUTADIENE COPOLYMER EMULSION.

10-26-94 BITUMINOUS MATERIALS AND ADDITIVES GILSONITE RIFFE PETROLEUM CO. RD-1001 NOT ACCEPTED R&D DIV. ODOT ADDITIVE TO INCREASE DURABILITY, RESISTANCE TO SHOVING & RUTTING.

01-07-92 BITUMINOUS MATERIALS AND ADDITIVES NEOPRENE LATEX DUPONT RD-1007 UNDER EVALUATION R&D DIV.-ODOT SEAL COAT BINDER MATERIAL.

08-06-93 BITUMINOUS MATERIALS AND ADDITIVES N A CHIP SEAL EMULSION ADDITIVE OWENS-CORNING FIBERGLASS RD-3309 UNDER EVALUATION R&D DIV. ODOT ADDITIVE TO HOT-MIX ASPHALT CEMENT FOR USE IN CHIP SEALING.

05-31-92 BITUMINOUS MATERIALS AND ADDITIVES STYRELF ELF AMERICA RD-1009 UNDER EVALUATION R & D DIV ODOT. IMPROVES RESISTANCE TO RUTTING AND CRACKING.

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10-26-93 BITUMINOUS REJUVENATORS AND PRESERVATIVE TREATMENTS SLURRY SEAL SLURRY SEAL INC. RD-1601 ACCEPTED R&D DIV. ODOT PROLONGS THE LIFE OF A DETERIORATING PAVEMENT SURFACE, FILLS VOIDS, CRACKS.

10-01-93 CULVERTS AND DRAINAGE OMNI-FLEX PIPE JOINT SEALS DELTA SOUTHWEST, INC. RD-5102 UNDER EVALUATION PREFORMED, CLOSED-CELL FOAM SEALS FOR RCP JOINTS. REQUIRE NO PRIMING OR PIECING TOGETHER. AVAILABLE FOR ANY SIZE PIPE.

10-26-93 CULVERTS AND DRAINAGE STRUCTURES ADS DRAIN GUARD ADVANCE DRAINAGE SYSTEMS RD-5500 ACCEPTED R&D DIV. ODOT USED AS UNDERDRAIN, CULVERTS,AND STORM SEWERS. CORRUGATED POLYETHYLENE TUBING.

10-26-93 CULVERTS AND DRAINAGE STRUCTURES NEXON U. S. STEEL CORP. RD-5101 ACCEPTED R&D DIV. ODOT COATING USED IN AREAS OF ABRASIVE OR CORROSIVE WATER &/OR SOILS.

OKLAHOMA

09-15-92 CULVERTS AND DRAINAGE STRUCTURES ADVANEDGE ADS RD-5502 UNDER EVALUATION R & D DIV., ODOT. PREFABRICATED PAVEMENT EDGE DRAIN.

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10-26-94 DEICING CHEMICALS VERGLIMIT P.K. DISTRIBUTING COMPANY RD-2407 NOT ACCEPTED R&D DIV. ODOT ANTI-ICE ROAD SURFACING. DE-ICING AGENT IS INCLUDED IN AC OVERLAYS.

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10-26-93 DEICING CHEMICALS LEONARDITE ELMO PITTS RD-2406 NOT ACCEPTED R&D DIV. ODOT BY PRODUCT FROM COAL WASHING. USED FOR MELTING SNOW & ICE.

10-26-93 JOINT SEALERS AND FILLERS ALLIED #9809 ALLIED MATERIALS CORPORATION RD-2535 ACCEPTED R&D DIV. ODOT PORTLAND CEMENT CONCRETE JOINT SEALER.

10-26-92 JOINT SEALERS AND FILLERS DOW PRESSURE RELIEF JOINT FILLER DOW CHEMICAL COMPANY RD-2501 ACCEPTED R&D DIV. ODOT PROTECTS AGAINST BLOWUPS, ALSO PROTECTS BRIDGE APPROACH SLABS.

09-30-94 JOINT SEALERS AND FILLERS DOW CORNING 888 HIGHWAY JOINT SEALANT DOW CORNING CORPORATION RD-2541 ACCEPTED R&D E SILICONE RUBBER JOINT SEALANT.

R&D DIV. ODOT

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10-26-94 JOINT SEALERS AND FILLERS FLEX-LOK SERVICISED PRESSURE RELIEF JOINT FILLER MIDWEST MANUFACTURING CORPORATION RD-2539 ACCEPTED R & D DIVISION ODOT CLOSED CELL POLYURETHANE FOAM FILLER. LOCKS IN PLACE, RESISTS PULL OUT.

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10-26-92 JOINT SEALERS AND FILLERS HI-SPEC W. R. MEADOWS, INC. RD-2521 ACCEPTED R&D DIV. RUBBERIZED ASPHALT. CAN BE USED ON PCC OR AC PAVEMENTS.

12-05-95 JOINT SEALERS AND FILLERS KOCH BRIDGE JOINT SYSTEM KOCH MATERIALS CORP., STROUD, OK. RD-2553 UNDER EVALUATION R & D DIV., ODOT SEE PAVETECH BRIGE JOINT SYSTEM, THIS SECTION. KOCH MATERIALS CORP. BOUGHT U.S.A. RIGHTS TO THIS PRODUCT, NOW MFD. HERE, OTHERWISE NO CHANGE.

01-02-93 JOINT SEALERS AND FILLERS DOW CORNING 890-SL JOINT SEALANT DOW CORNING CORPORATION RD-2547 UNDER EVALUATION R & D DIV., ODOT LOW MODULUS, SELF LEVELING JOINT SEALANT. USE ON PCC OR AC.

OKLAHOMA

12-10-95 JOINT SEALERS AND FILLERS CIPEC CIPEC. INC., SAN ANTONIO, TX RD-2601 UNDER EVALUATION R & D DIV., ODOT WATERTIGHT BRIDGE DECK EXPANSION JOINT DEVICE.

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6-29-92 JOINT SEALERS AND FILLERS CRAFCO ROADSAVER SILICONE SEALANT CRAFCO,INC. RD-2548 ACCEPTED R & D DIV. ODOT SAMPLES HAVE BEEN TESTED BY ODOT MATERIALS LAB. MEETS ODOT SPEC. 701.08 (E)

10-04-94 JOINT SEALERS AND FILLERS OVER-FLEX M S CRAFCO RD-2542 UNDER EVALUATION R&D DIV. ODOT 77% ROAD GRADE ASPHALT WITH 23% VULCANIZED GRANULATED CRUMB RUBBER. HOT POUR JOINT AND CRACK FILLER.

10-26-92 JOINT SEALERS AND FILLERS RUBBER CAULK #3105 SEALANT PRODUCTS RESEARCH & CHEM. CORP. RD-2507 ACCEPTED R&D DIV. ODOT PCC JOINT SEALANT.

07-01-94 JOINT SEALERS AND FILLERS OMNI-FLEX DELTA SOUTHWEST, INC. RD-2552 UNDER EVALUATION R & D DIVISION, ODOT PREFORMED JOINT SEALS FOR RCP PIPE. CLOSED-CELL FOAM SEALS. HELD IN PLACE BY COMPRESSION. USED WHERE HIGH WATER PRESURE BLOWS OUT MASTIC PIPE SEALS.

11-06-94JOINT SEALERS AND FILLERSRUSCOEPERMANENT SEALER/HIGHWAY JOINT SEALANTW.J.RUSCOECOMPANYRD-2544RD-2544NOT ACCEPTEDR&D DIV.ODOTFAILED WITHIN ONE YEAR OF INSTALLATION.

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10-26-93 JOINT SEALERS AND FILLERS SOF-SEAL W.R. MEADOWS, INC. RD-2543 ACCEPTED R&D DIV. ODOT HOT APPLIED, SINGLE COMPONENT, LOW MODULUS. JOINT OR CRACK SEALER.

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10-26-92 JOINT SEALERS AND FILLERS SEALTIGHT PRESSURE RELIEF JOINT DOW CHEMICAL COMPANY RD-2511 ACCEPTED R&D DIV. ODOT CLOSED CELL, PREFORMED, POLYETHYLENE EXPANSION JOINT.

01-05-94 JOINT SEALERS AND FILLERS DOW CORNING 888-SL JOINT SEALANT DOW CORNING CORPORATION RD-2546 UNDER EVALUATION R & D DIV., ODOT. SELF-LEVELING HIGHWAY JOINT SEALANT. FOR SEALING JOINTS IN PCC.

08-02-94 JOINT SEALERS AND FILLERS PAVETECH BRIDGE JOINT SYSTEM (LICENSEE) ALPHA LOT SERVICE, INC. RD-2553 UNDER EVALUATION GARY WILLIAMS, ODOT R & D DIVISION WATERTIGHT EXPANSION JOINT SYSTEM FOR BRIDGE DECKS. SIMILAR TO ASPHALT. HAS A SPECIAL BINDER THAT EXPAND AND CONTRACT WITH BRIDGE DECK. LEAKS OR ROUGH-RIDING JOINTS CAN BE REPAIRED BY TOPPING THEM WITH MORE SIMILAR MATERIAL.

10-01-94 JOINT SEALERS AND FILLERS DOW CORNING 902 RCS JOINT SEALANT DOW CORNING OKLAHOMA UNDER EVALUATION RD-2549 R & D DIV., ODOT ULTRA-LOW-MODULUS SILICONE SEALANT INTENDED FOR USE IN SEALING EXPANSION JOINTS IN BRIDGES. TWO-PART; CURES BY REACTION WITH MOISTURE IN AIR. SELF-LEVELLING, COLD-APPLIED, RAPID CURE (LESS THAN 8 HOURS).

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10-26-93 MISCELLANEOUS TERRA TAPE REEF INDUSTRIES, INC. RD-2915 ACCEPTED R & D DIV. ODOT DETECTABLE TAPE WITH METALLIZED FOIL CORE FOR DETECTING PLASTIC PIPES.

07-31-92 MISCELLANEOUS CCI-2000 CCI SERVICES RD-2918 PENDING R&D DIV. ODOT CORROSION INHIBITOR FOR FUEL STORAGE TANKS.

10-26-94 MISCELLANEOUS LUBRI LON ENGINE TREATMENT JONCO INDUSTRIES, INC. RD-2916 NOT ACCEPTED R&D DIV. ODOT ONE STEP TREATMENT FOR AUTO ENGINE DESIGNED TO REDUCE FRICTION.

10-26-92MULCH AND EORSION CONTROLSMIRAFI140 FABRICCELANESE FIBERS MARKETING CO.RD-4904ACCEPTEDR & D DIV OHDSILTATION FILTER, POLYPROPYLENE AND NYLON FABRIC, HEAT BONDED.

OKLAHOMA

10-26-93MULCH AND EROSION CONTROLMIRAFI 500X FABRICCELANESE FIBERS MARKETING CO.RD-4911ACCEPTEDR&D DIV. ODOTA WOVEN POLYPROPYLENE FABRIC FOR GROUND STABILIZATION UNDER ROADWAYS.

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10-26-92 MULCH AND EROSION CONTROL MONOSLABS HARTER CONCRETE PRODUCTS INC. RD-4613 ACCEPTED R & D DIV. ODOT CONCRETE GRIDS USED TO REINFORCE SOIL AGAINST MUD AND EROSION.

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10-26-93 MULCH AND EROSION CONTROL VEXAR DUPONT RD-4207 ACCEPTED R & D DIV. ODOT PLASTIC NETTING WITH METAL TIEDOWNS. HOLDS VEGETATIVE MULCH.

10-28-92 MULCH AND EROSION CONTROL TENSAR SR-2 GRID THE TENSAR CORPORATION RD-4916 PENDING R&D DIV. ODOT SOIL REINFORCING GRIDS. USED IN EMBANKMENTS, RETAINING WALLS.

10-26-93 MULCH AND EROSION CONTROL TERRA TACK II GRASS GROWERS RD-4915 ACCEPTED TACKIFIER FOR STRAW MULCH.

R&D DIV. ODOT

10-26-92 MULCH AND EROSION CONTROL ENKAMAT AMERICAN ENKA COMPANY RD-4906 ACCEPTED R&D DIV. ODOT NYLON MONO-FILAMENT FILTER FABRIC FOR EROSION CONTROL.

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10-26-92 MULCH AND EROSION CONTROL ASTRO MULCH HYDRO-TURF RD-4907 NOT ACCEPTED R&D DIV. ODOT CELLULOSE-DRY ADHESIVE-FERTILIZER-GRASS SEED.

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10-26-93MULCH AND EROSION CONTROLCURLEX BLANKETSAMERICAN EXCELSIOR CO.RD-4203ACCEPTEDR&D DIV. ODOTDITCH LINERS TO HOLD SOIL UNTIL SEED GERMINATES.

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10-26-94 MULCH AND EROSION CONTROL DOW MULCH BINDER XFS-4163 L DOW CHEMICAL COMPANY RD-4903 ACCEPTED R & D DIV OHD SYNTHETIC POLYMER DISPERSION TACKIFIER FOR MULCHES. APPLIED WITH MULCH.

10-26-92 MULCH AND EROSION CONTROLS COHEREX DUSTROL INC. RD-4611 ACCEPTED R & D DIV. OHD MULCH AND EROSION CONTROL MATERIALS.

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10-26-93 MULCH AND EROSION CONTROLS FABRIFORM CONSTRUCTION TECHNIQUES, INC. RD-4610 ACCEPTED R & D DIV. MORTAR FILLED NYLON FIBER MATTING USED AS RIP-RAP, DITCH CHECKS,ETC.

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10-26-93 MULCH AND EROSION CONTROLS GLASSROOT PPG IND. RD-4205 ACCEPTED R&D DIV. OHD CONTROL OF EROSION IN DITCHES, IN WATERWAYS, AND ON SLOPES.

10-26-94 MULCH AND EROSION CONTROLS SILVA-FIBER W.R.GRACE CO. RD-4902 NOT ACCEPTED R&D DIV. ODOT POSSIBLE USE AS A WIND AND WATER EROSION PROTECTION DEVICE.

10-26-93 MULCH AND EROSION CONTROLS TILEGUARD JOHNS-MANVILLE PRODUCTS CORP. RD-4606 NOT ACCEPTED R&D DIV. ODOT EROSION CONTROL BLANKET

10-01-93 MULCH AND EROSION CONTROLS TERRA - MULCHE WARREN COOPER RD-4206 ACCEPTED EROSION CONTROL MULCH.

R&D DIV. ODOT

10-26-92 MULCH AND EROSION CONTROLS LAND GLAS OWENS/CORNING FIBERGLAS CORPORATION RD-4909 ACCEPTED R&D DIV. ODOT GLASS FIBERS FASTENED TOGETHER TO FORM SINGLE BUNDLES. OKLAHOMA

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10-26-92 MULCH AND EROSION CONTROLS HYDRO-MULCH CONWED CORP. RD-4901 NOT ACCEPTED R&D DIV. ODOT FOR USE AS A DETERRENT TO EROSION ON RECENTLY DISTURBED EARTH.

12-15-93 PATCHING MATERIALS SIKAPRONTO 19 SIKA CORPORATION RD-2832 UNDER EVALUATION METHACRYLATE CRACK SEALER. STRUCTURALLY REPAIRS CRACKS AND SURFACE SEALS CONCRETE.

09-15-92 PATCHING MATERIALS PYRAMENT LONESTAR INDUSTRIES, INC. RD-2831 UNDER EVALUATION R & D DIV., ODOT. RAPID SETTING, HIGH STRENGTH CONCRETE BEING USED ON BRIDGE DECK OVERLAYS. ALSO USED FOR PCC PAVEMENT PATCHING.

10-27-92 PATCHING MATERIALS DURACAL UNITED GYPSUM CO. INC. RD-2815 ACCEPTED R&D DIV. ODOT MAY BE USED IN 100% CEMENT OR HAVE EQUAL AMOUNTS OF SAND ADDED TO IT.

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10-27-94 PATCHING MATERIALS DAREX 240 CONCRETE W. R. GRACE CO. RD-2711 ACCEPTED R&D DIV. ODOT REPAIR OF ANY PORTLAND CEMENT CONCRETE PAVEMENT OR BRIDGE DECK.

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10-27-94 PATCHING MATERIALS EMBECO L-411 MASTER BUILDERS RD-2701 ACCEPTED R&D DIV. ODOT FAST SETTING CONCRETE PATCHING MATERIAL. CAN BE OPEN TO TRAFFIC WITHIN 4 HOURS OF POURING.

10-27-92 PATCHING MATERIALS ALCRETE ALLIED CONST. SUPPLIES CORP. RD-2706 ACCEPTED R&D DIV. ODOT CONCRETE PATCHING MATERIAL FOR STREETS AND HIGHWAYS.

10-27-93 PATCHING MATERIALS ALL-CRETE CONCRETE PRODUCT, INC. RD-2716 ACCEPTED R&D DIV. ODOT CONCRETE HIGHWAY REPAIR MATERIAL.

10-27-92 PATCHING MATERIALS CONN COAT CONN CHEMICALS ENGINEERING CO. RD-2818 ACCEPTED R&D DIV. ODOT STYRENATED POLYESTER THERMOSET RESIN. (FIBERGLASS RESIN).

10-27-92 PATCHING MATERIALS FONDU LONE STAR LAFARGE CO. RD-2712 ACCEPTED R&D DIV. FOR REPAIR OF ANY PCC PAVEMENT OR BRIDGE DECK.

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10-27-93 PATCHING MATERIALS FAST FIX C-1 CEMENT WESTERN CO. RD-2705 NOT ACCEPTED R&D DIV. OHD FAST SETTING CEMENT FOR CONCRETE & ASPHALT PAVING REPAIR.

10-27-92PATCHING MATERIALSROCKBONDELBORG TECHNOLOGY COMPANYRD-2717PENDINGR&D DIV. ODOTHIGH EARLY STRENGTH MATERIAL. PATCH MATERIAL, BRIDGE DECK OVERLAY.

02-15-92 PATCHING MATERIALS ROADPATCH THORO SYSTEM PRODUCTS RD-2829 UNDER EVALUATION R&D DIV. ODOT FAST-SETTING, PORTLAND CEMENT, GLASS FIBER REINFORCED PATCH MATERIAL.

10-27-92 PATCHING MATERIALS SPEED-CRETE AUXIER SCOTT RD-2702 ACCEPTED R&D DIV. ODOT FAST SETTING CONCRETE PATCHING MATERIAL FOR HIGHWAYS.

10-27-93 PATCHING MATERIALS STEELCOTE F. C. 100 STEELCOTE MANUFACTURING COMPANY RD-2820 ACCEPTED R&D DIV. ODOT HIGH EARLY STRENGTH CONCRETE FOR PATCHING PORTLAND CEMENT CONCRETE PAVEMENT OR BRIDGE DECKS.

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10-27-94 PATCHING MATERIALS SET 45 SET PRODUCTS, INC. RD-2823 ACCEPTED R & D DIV ODOT EARLY HIGH STRENGTH PATCHING MATERIAL FOR PC CONCRETE BRIDGE DECKS AND PAVEMENT.

OKLAHOMA

10-27-92 PATCHING MATERIALS SET INSTANT CONCRETE SET PRODUCTS INCORPORATED RD-2824 ACCEPTED R&D DIV. ODOT BRIDGE DECK AND HIGHWAY REPAIR. FAST SETTING PC CONCRETE MORTAR.

10-27-92 PATCHING MATERIALS SILIKAL POLYMER CONCRETE MATERIAL TRANSPO-MATERIALS, INC. RD-2828 ACCEPTED R&D DIV. ODOT TWO COMPONENT, RAPID SETTING, ACRYLIC MORTAR AND PRIMER.

10-27-93 PATCHING MATERIALS SINMAST INJECTION SYSTEM SINMAST OF AMERICA RD-2715 ACCEPTED 7/76 R & D DIV. ODOT INJECTED EPOXY RESIN FILLS GAPS AND CRACKS IN CONCRETE. USED TO REPAIR BROKEN AND CRACKED CONCRETE

11-25-92PATCHING MATERIALSSINMAST MORTAR MIX RESINSINMAST OF AMERICARD-2714UNDER EVALUATIONR&D DIV. ODOTPATCH MATERIAL.

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11-29-92 PATCHING MATERIALS SURFACE MAGIC A C HORN INC. RD-2830 UNDER EVALUATION R&D DIV. ODOT POLYMER MODIFIED MORTAR FOR REPAIR AND BONDING OF PORTLAND CEMENT CONCRETE.

10-01-93 PATCHING MATERIALS TIGERCRETE GARON PRODUCTS INC. RD-2822 ACCEPTED R & D DIV ODOT FAST SET, FAST STRENGTH GAIN, NON-SHRINK, FREEZE-THAW RESISTANT.

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10-27-92 PATCHING MATERIALS ZIP-CRETE TXI RD-2703 ACCEPTED R&D DIV. ODOT FAST SETTING CONCRETE PATCHING CEMENT.

10-26-93 PAVING FABRICS TYPAR E. I. DU PONT DE NEMOURS & CO., INC. RD-1704 ACCEPTED R & D DIV. ODOT ROAD SUPPORT. ROAD DRAINAGE, EROSION CONTROL, VARIOUS OTHER USES.

10-26-94 PAVING FABRICS MIRAFI 140 FABRIC CELANESE FIBERS MARKETING CO. RD-1703 ACCEPTED R & D DIV OHD FABRIC CONSTRUCTED OF CONTINUOUS FILAMENT FIBERS. POLYPROPYLENE AND NYLON. NONWOVEN HEAT BONDED FABRIC. USED TO PREVENT REFLECTIVE CRACKING.

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10-26-93 PAVING FABRICS PETROMAT PHILLIPS PETROLEUM COMPANY RD-1701 ACCEPTED R&D DIV. ODOT NON-WOVEN POLYPROPYLENE MAT. USED AS FABRIC REINFORCEMENT UNDER AC OVERLAYS.

10-26-92 PAVING FABRICS AMOPAVE AMOCO FABRICS COMPANY RD-4914 ACCEPTED R&D DIV. ODOT FABRIC REINFORCEMENT USED UNDER AC OVERLAYS.

10-26-93 PAVING FABRICS BIDIM RHOUE-POULENE-TEXTILE RD-4905 NOT ACCEPTED R&D DIV. ODOT NEEDLE-PUNCH POLYESTER NON WOVEN. DISINTEGRATED IN THE ROADWAY UNDER TRAFFIC.

10-26-92 PAVING FABRICS FIBRETEX CROWN ZELLERBACH RD-4912 ACCEPTED R&D DIV. ODOT POLYPROPYLENE, CONTINUOUS FILAMENT, NONWOVEN FABRIC FOR REFLECTIVE CRACKING.

09-15-92 PAVING FABRICS POLYFELT FABRIC CHEMIE LENZ RD-4913 ACCEPTED R & D DIV., ODOT CONTINUOUS FILAMENT POLYPROPYLENE PAVING FABRIC. NOT HEAT BONDED ON ANY SIDE. EVALUATED BY R & D AUG,'88-MAR,'89 ON OKLAHOMA COUNTY ROAD PROJECT.

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R&D DIV. ODOT

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10-01-92 PCC ADMIXTURES DAREX CORROSION INHIBITOR W. R. GRACE & COMPANY RD-2329 UNDER EVALUATION R&D DIV. ODOT CALCIUM NITRITE CORROSION INHIBITOR. ADDED TO CONCRETE MIX TO PREVENT CORROSION OF REINFORCING STEEL.

10-26-93 PCC ADMIXTURES PRODUCT 1116 CRETO OF TEXAS, INC. RD-2307 NOT ACCEPTED PCC ADMIXTURE.

10-26-92 PCC ADMIXTURES THERMOFLEX 8002 REICHHOLD CHEMICALS, INC. RD-3002 ACCEPTED 4-17-78 R&D DIV. ODOT LATEX MODIFIER USED IN CONCRETE MIX FOR OVERLAYS OF BRIDGE DECKS.

10-26-94 PCC CURING MATERIALS CARTER-WATERS CURING COMPOUND CARTER-WATERS CORP. RD-2608 NOT ACCEPTED R&D DIV. ODOT CURING COMPOUND.LINSEED OIL MAY BE APPLIED AFTER 14 DAYS. TEST SAMPLE FAILED SPEC. REQUIREMENTS FOR WATER RETENTION AND HIDING POWER.

10-26-92 PCC CURING MATERIALS LINSEED OIL CARGILL, INC. RD-AASHO NOT ACCEPTED R&D DIV. ODOT SOLVENT BASE COMPOUND FOR CURING CONCRETE. NO CONCRETE PENETRATION. NO SCALING PROTECTION. OKLAHOMA

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10-26-92 PCC CURING MATERIALS LINSEED OIL PPG IND. RD-2612 NOT ACCEPTED R&D DIV. ODOT PCC CURING AGENT & PRESERVATIVE, PROTECTS SURFACE FROM SCALING AND FLAKING AND RETARDS DETERIORATION WHICH HAS ALREADY STARTED, DOESN'T MEET LINSEED OIL EMULSION SPEC.

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10-26-93 PCC FINISHING PRODUCTS TEX-COTE TEXTURE COATINGS OF AMERICA, INC. RD-2405 ACCEPTED R&D DIV. ODOT TEXTURED COATING FOR CONCRETE STRUCTURES. AVAILABLE IN DIFFERENT COLORS. LISTED ON ODOT MATERIALS DIVISION'S APPROVED MATERIALS LIST AS MEETING ODOT'S SPECIFICATION.

09-01-93 RUST PASSIVATORS BLACK GOLD TRI-F CORPORATION RD-2340 UNDER EVALUATION R & D DIV., ODOT. FOR CURRENT EVALUATION INFORMATION, CONTACT DAVID STREB, ODOT R & D DIV.

10-27-92 RUST PASSIVATORS FOSTER'S THREAD & PIPE ARMOUR FRED F. FOSTER, INC. RD-2314 ACCEPTED R&D DIV. ODOT 30 PENETRATING ASPHALT IN PETROLEUM SOLVENT. PREVENTS RUST AND CORROSION.

12-01-93 RUST PASSIVATORS QUICK-DRY ANTI-OXIDENE TEXAS REFINERY CORP. RD-6806 UNDER EVALUATION DIV. 5 ODOT MAINTENANCE DIVISION FIVE IS DOING A PERFORMANCE EVALUATION. PRODUCT ARRESTS RUST AND PROTECTS METAL SURFACES.

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10-27-94 RUST PASSIVATORS STRUCTURE/EQUIPMENT KOTE ESGARD, INC. RD-2321 ACCEPTED R&D DIV. ODOT CORROSION PREVENTATIVE COATING FOR STEEL STRUCTURES AND SURFACES. CHOICE OF COLORS. REMOVEABLE.

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11-20-92 RUST PASSIVATORS THOROCLAD THORO SYSTEM PRODUCTS RD-2409 UNDER EVALUATION R&D DIV. ODOT PORTLAND CEMENT - ACRYLIC MODIFIED PRIMER FOR STEEL OR IRON SURFACES. CAN BE APPLIED ON CLEAN OR RUST SURFACES.

10-27-93 SOIL STERILIZATION AND WEED CONTROL SUPER CRAB-E-RAD VINELAND CHEM. CO. RD-4202 ACCEPTED R&D DIV. ODOT HERBICIDE FOR CONTROL OF ANNUAL GRASSES.

10-27-92SOIL STERILIZATION AND WEED CONTROL MATERIALSTCADOW CHEMICAL CO.RD-4202ACCEPTEDR&D DIV. ODOTNONSELECTIVE VEGETATION CONTROL.

 10-27-92
 SOIL STERILIZATION AND WEED CONTROL MATERIALS

 KARMEX
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 RD-4202
 ACCEPTED
 R&D DIV. ODOT

 HERBICIDE FOR PRE-EMERGENCE CONTROL OF BROADLEAF WEEDS AND ANNUAL GRASSES.

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10-27-93 SOIL STERILIZATION AND WEED CONTROL MATERIALS NALCO-TROL NALCO CHEMICAL COMPANY RD-4005 NOT ACCEPTED 9/75 R&D DIV. ODOT DRIFT CONTROL AGENT FOR SPRAYED HERBICIDES. STICKS TO WALLS OF TANK, CLOGS NOZZLES, AND TURNS INTO GELATIN IN THE CONTAINER. NOT APPROVED OR RECOMMENDED FOR USE.

10-27-92 SOIL STERILIZATION AND WEED CONTROL MATERIALS TORDON DOW CHEMICAL CO. OKLAHOMA RD-4202 ACCEPTED R&D DIV.ODOT FOR THE CONTROL OF ANNUAL AND DEEP ROOTED PERENNIAL BROADLEAF PLANTS.

10-27-93 SOIL STERILIZATION AND WEED CONTROL MATERIALS WEEDAR 64 AMCHEM PRODUCTS, INC. RD-4202 ACCEPTED R&D DIV. ODOT HERBICIDE FOR POST EMERGENCE CONTROL OF BROADLEAF WEEDS.

10-27-94SOIL STERILIZATION AND WEED CONTROL MATERIALS2,4,5-TNUMEROUSRD-4202ACCEPTEDR&D DIV. ODOTR&D DIV. ODOTHERBICIDES FOR POST-EMERGENCE CONTROL OF BROADLEAF WEEDS.

10-27-92 SOIL STERILIZATION AND WEED CONTROL MATERIALS AATREX 80W GEIGG AGRICULTURE CHEMICALS RD-4202 ACCEPTED R&D DIV. ODOT HERBICIDE FOR CONTROL OF BROADLEAF WEEDS AND ANNUAL GRASSES.

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MANUFACTURER EVALUATOR FILE # STATUS CONTACT COMMENTS 10-27-93 SOIL STERILIZATION AND WEED CONTROL MATERIALS ANSAR OKLAHOMA ANSUL CO. RD-4202 ACCEPTED R&D DIV. ODOT FOR CONTROL OF ANNUAL AND CERTAIN PERENNIAL GRASSES SPECIFICALLY JOHNSON GRASS. 10-27-92 SOIL STERILIZATION AND WEED CONTROL MATERIALS BONVEL OKLAHOMA VELSICOL CHEM. CORP. R&D DIV. ODOT RD-4202 ACCEPTED USED AS A FOLIAR SPRAY FOR POST EMERGENCE CONTROL OF BROADLEAF WEEDS. 10-27-93 SOIL STERILIZATION AND WEED CONTROL MATERIALS BOROCIL U. S. BORAX OKLAHOMA R&D DIV. ODO ACCEPTED R&D DIV. ODOT NONSELECTIVE VEGETATION CONTROL. 10-27-93 SOIL STERILIZATION AND WEED CONTROL MATERIALS CEREX MONSANTO CHEM. CO. OKLAHOMA RD-4202 NOT ACCEPTED R&D DIV. ODOT USE AS A VEGETATION BARRIER UNDER GUARDRAIL AND ADJACENT SIGN POSTS OR OTHER SMALL SIZED LOCATIONS WHERE HAND LABOR CAN BE ALLEVIATED. 10-27-94 SOIL STERILIZATION AND WEED CONTROL MATERIALS HYVAR X DU PONT OKLAHOMA RD-4202 ACCEPTED R&D DIV. ODOT

NONSELECTIVE VEGETATION CONTROL HERBICIDE.

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10-01-93 SOIL TREATMENTS PELADOW THE DOW CHEMICAL COMPANY RD-4617 PENDING R&D DIV. ODOT CALCIUM CHLORIDE. DUST SUPPRESSANT AGENT AND SOIL STABILIZER, ICE AND SNOW CONTROL.

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10-27-92 SOIL TREATMENTS SA-1 CENTRAL CHEMICAL CO.. RD-4603 NOT ACCEPTED R&D DIV. ODOT STABILIZER FOR GRANULAR BASES AND RECONSTRUCTION OF ASPHALT ROADS.

10-27-93 SOIL TREATMENTS ALLIED S-22 ALLIED MATERIALS CORP. RD-4602 NOT ACCEPTED CHEMICAL SOIL STABILIZER

R&D DIV. ODOT.

 12-07-93
 SOIL TREATMENTS

 LIQUIDOW
 DOW CHEMICAL COMPANY

 RD-4615
 ACCEPTED

 RD-4615
 R&D DIV. ODOT

 DUST PALLIATIVE, SUBGRADE STABILIZER. FINAL REPORT
 IS AVAILABLE FROM ODOT RESEARCH DIVISION.

12-28-92 SOIL TREATMENTS OPEN-ALL "C" INVESTMENT GROUP COMPANIES RD-4619 UNDER EVALUATION R & D DIV., ODOT. FOR TREATMENT OF "TIGHT" SOILS. INCREASES WATER PERCULATION INTO THE SOIL, RESULTING IN HIGHER % OF GERMINATION.

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10-27-94 STRUCTURAL PAINTS STRUCTURE/EQUIPMENT KOTE ESGARD, INC. RD-2321 ACCEPTED R&D DIV. ODOT CORROSION PREVENTATIVE COATING FOR STEEL STRUCTURES AND SURFACES. CHOICE OF COLORS. REMOVEABLE. MARKETED BY ADVANCED CHEMICAL TECHNOLOGIES, OKLAHOMA CITY, OKLAHOMA.

10-27-92 STRUCTURAL PAINTS SEAL-GUARDE 5 ROADWAYS INTERNATIONAL CORPORATION RD-6808 ACCEPTED R & D DIV. ODOT ANTICORROSION COATING FOR NEW OR CORRODED METAL SURFACES. EVALUATED AND APPROVED ON BRIDGE PIERS LOCATED BELOW SALT PLAINS DAM, OKLAHOMA.

10-27-93STRUCTURAL PAINTSCARBOLINE PROTECTIVE COATINGSCARBOLINE CO.RD-6801ACCEPTEDR&D DIV. ODOTPROTECTIVE COATING FOR BRIDGE STRUCTURAL STEEL

09-01-92 STRUCTURAL PAINTS BLACK GOLD TRI-F CORPORATION RD-2340 UNDER EVALUATION R & D DIV, ODOT PREVENTS RUST AND CORROSION. FOR CURRENT EVALUATION INFORMATION, CONTACT DAVID STREB, ODOT R & D DIV.

10-27-92 TESTING AND CONSTRUCTION EQUIPMENT CIMCEAL MODEL 125 R. J. CORP RD-9053 ACCEPTED R&D DIV ODOT MELTER AND APPLICATOR FOR HOT POUR JOINT SEALANTS.

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10-27-92 TESTING AND CONSTRUCTION EQUIPMENT NUCLEAR PORTAPROBE MODEL BR CAMBELL PACIFIC NUCLEAR RD-9052 ACCEPTED R&D DIV. ODOT MEASURES MOISTURE AND DENSITY READINGS IN SOILS AND DENSITY OF ASPHALT. INSTRUMENT REQUIRES FEDERAL LICENSE AND REGISTRATION WITH STATE HEALTH DEPARTMENT.

10-27-93 TESTING AND CONSTRUCTION EQUIPMENT PATCH MASTER THERMAL POWER CORPORATION RD-9056 ACCEPTED R&D DIV. ODOT **REPAIRS ASPHALT PAVEMENT. FINAL REPORT** AVAILABLE FROM ODOT RESEARCH DIVISION.

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10-27-92 TESTING AND CONSTRUCTION EQUIPMENT PORTA-BLAST NELCO MANUFACTURING CORPORATION RD-9055 ACCEPTED R&D DIV. ODOT PORTABLE STEEL SHOT BLAST EQUIPMENT. CLEANS CONCRETE SURFACES SUCH AS BRIDGE DECKS. ALSO CLEANS RUST AND PAINT FROM STEEL SURFACES.

12-15-93 TESTING AND CONSTRUCTION EQUIPMENT INFRARED ASPHALT HEATER AEROIL CORP. OKLAHOMA RD-2166 UNDER EVALUATION R & D DIV. ODOT INFRARED ASPHALT HEATER FOR PATCHING AND CORRECTIVE WORK. CONTACT WILSON BREWER, ODOT R & D DIV. FOR FURTHER INFORMATION.

10-27-92 TRAFFIC MARKING MATERIALS FLEX-O-POST **PROVEN PRODUCTS** RD-6001 ACCEPTED R&D DIV. ODOT FLEXIBLE POST THAT RE-ERECTS IT'S SELF AFTER BEING RUN OVER.

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10-01-93 TRAFFIC MARKING MATERIALS KOPPER'S COLORED COURT COAT KOPPER'S CO., INC. RD-6005 ACCEPTED R&D DIV. ODOT FOR APPLICATION TO DELINEATE SAFETY ISLANDS, CROSSWALKS, AND PARKING AREAS. GREEN COLOR, ADHERES TO CONCRETE.

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10-27-92 TRAFFIC MARKING MATERIALS LDP-6 DELINEATOR POST AMERICAN HIGHWAY PRODUCTS RD-6008 ACCEPTED R & D DIV ODOT THERMOPLASTIC POST FLEXES UNDER IMPACT FROM VEHICLE.

10-27-92 TRAFFIC MARKING MATERIALS STIMSONITE MODEL 19 AMERACE CORPORATION RD-6007 ACCEPTED R&D DIV. ODOT SNOW PLOWABLE PAVEMENT MARKER.

10-27-93 TRAFFIC MARKING MATERIALS CROWN INDUSTRIAL TOPPING AND SPORT COAT CROWN PAINT CO., INC. RD-6009 ACCEPTED R & D DIV ODOT COLORED COATING FOR CONCRETE MASONRY SURFACES. FOR DELINEATING SAFETY ISLANDS, CROSS WALKS, AND PARKING AREAS. ONLY GREEN COLOR PASSED PERFORMANCE EVALUATION AND IS APPROVED.

10-01-92 WATER PROOFING MEMBRANES AND MATERIALS POLYGUARD BRIDGE DECK MEMBRANE POLYGUARD PIPELINE PRODUCTS, INC. RD-2009 UNDER EVALUATION R&D DIV. ODOT BRIDGE DECK SHEET MEMBRANE FOR WATERPROOFING BRIDGE DECK.

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10-27-93 WATERPROOFING MEMBRANES & MATERIALS CHEM-TRETE DYNAMIT NOBEL AKTIENGESELL SHAFT, WEST GERMANY RD-2326 ACCEPTED R & D DIV. ODOT PENETRATING CONCRETE SEALER. MEETS ODOT SPECIFICATIONS. REDUCES WATER AND CHLORIDE INGRESSION INTO CONCRETE. ODOT RESEARCH REPORT AVAILABLE. MARKETED BY DYNAMIT NOBEL CHEMICAL.

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10-27-92 WATERPROOFING MEMBRANES & MATERIALS Z-6070 SILANE DOW CORNING CORPORATION RD-2327 NOT ACCEPTED R & D DIV. ODOT FAILS ODOT SPEC. 701.12. EXCEEDS MOISTURE ABSORPTION LIMITS. ODOT LAB. REPORT #3-4350-55846 1-12-81.

10-27-93 WATERPROOFING MEMBRANES AND MATERIALS XYPEX XYPEX CHEMICALS LIMITED - CANADA RD-2318 NOT ACCEPTED R & D DIV. ODOT FAILS ODOT SPEC. 701.12. EXCEEDS MOISTURE ABSORPTION LIMIT. ODOT LAB. REPORT FROM MAX CARTER TO LARRY THOMPSON, 1-24-75, 5.5%. ELECTRON MICROSCOPE EXAM INDICATED NO CRYSTAL GROWTH.

10-27-93 WATERPROOFING MEMBRANES AND MATERIALS THOMPSON'S WATER SEAL E. A. THOMPSON CO. RD-2305 NOT ACCEPTED R&D DIV. ODOT FAILS ODOT SPEC. 701.12. ODOT LAB. REPORT #34577, DATED 1-8-76 REPORTS PRODUCT EXCEEDS MOISTURE ABSORPTION LIMITS. 3.6% AND 5.65% WITHIN 24 HR. PERIOD.

12-22-93 WATERPROOFING MEMBRANES AND MATERIALS WACKER 290L (S) WACKER CHEMIE GMBH RD-2332 EVALUATED IN 1981. EXCEEDED CHLORIDE LIMITS AT THE ONE-SIXTEENTH TO ONE-HALF INCH DEPTH REQUIRED BY ODOT SPECIAL PROVISION 515-14(A-B), 1-3-80.

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10-27-92 WATERPROOFING MEMBRANES AND MATERIALS CP-700 CHEMICAL PRODUCTS DEVELOPMENT CORPORATION RD-2328 NOT ACCEPTED ODOT MATERIALS DIVISION FAILS ODOT SPEC.701.12. ODOT LAB. REPORT #3-4350-64195 6-8-81 REPORTS 3.77% AND 1.91% MOISTURE ABSORPTION WITHIN 48 HOUR PERIOD.

10-27-93 WATERPROOFING MEMBRANES AND MATERIALS CP-500 CHEMICAL PRODUCTS DEVELOPMENT CORPORATION RD-2228 NOT ACCEPTED ODOT MATERIALS DIVISION FAILS ODOT SPEC. 701.12. EXCEEDS MOISTURE ABSORPTION LIMITS. ODOT LAB. REPORT #3-4350-64195 6-8-81 REPORTS 2.60% AND 2.58% MOISTURE ABSORPTION WITHIN 48 HOUR PERIOD.

10-27-92 WATERPROOFING MEMBRANES AND MATERIALS CP-500B CHEMICAL PRODUCTS DEVELOPMENT CORPORATION RD-2328 NOT ACCEPTED ODOT MATERIALS DIVISION FAILS ODOT SPEC. 701.12. EXCEEDS MOISTURE ABSORPTION LIMITS. ODOT LAB. REPORT #1-4350-47554 6-28-84 REPORTS 3.4% MOISTURE ABSORPTION WITHIN 50 DAY PERIOD.

10-27-93 WATERPROOFING MEMBRANES AND MATERIALS AMWAY SURFACE SEALER AMWAY RD-2330 NOT ACCEPTED R&D DIV. ODOT FAILS ODOT SPEC. 701.12. ODOT LAB. REPORT #2-4350-48571, 9-4-80, REPORTS 4.17%, 4.25%, 3.95%, 3.76% MOISTURE ABSORPTION WITHIN 24 HRS.. REDUCES SKID RESISTANCE.

10-01-92 WATERPROOFING MEMBRANES AND MATERIALS BITUTHENE W.R. GRACE CO. RD-2014 UNDER EVALUATION R&D DIV. ODOT PREFORMED WATERPROOFING POLYETHYLENE & RUBBERIZED ASPHALT FORMS A CONTINUOUS BOND WITH CONCRETE & OTHER CONSTRUCTION SURFACES

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10-27-93 WATERPROOFING MEMBRANES AND MATERIALS CP-1000 CHEMICAL PRODUCTS DEVELOPMENT CORPORATION RD-2328 NOT ACCEPTED ODOT MATERIALS DIVISION FAILS ODOT SPEC. 701.12. ODOT LAB. REPORT #3-4350-64195 6-8-81, REPORTS 2.26% AND 1.13% MOISTURE ABSORPTION WITHIN 48 HOUR PERIOD.

10-27-93 WATERPROOFING MEMBRANES AND MATERIALS CP-3 CHEMICAL PRODUCTS DEVELOPMENT CORPORATION RD-2323 NOT ACCEPTED R&D DIV. ODOT AND MATERIALS DIV. ODOT FAILS ODOT SPEC. 701.12. EXCEEDS MOISTURE ABSORPTION LIMIT. ODOT LAB. REPORTS #4350-36181 2-23-76 AND #4350-18758 5-3-79.

10-01-92 WATERPROOFING MEMBRANES AND MATERIALS POLYTOK CARBOLINE CO. RD-2031 UNDER EVALUATION R&D DIV. ODOT WATERPROOF ELASTOMETRIC MEMBRANE

10-02-92 WATERPROOFING MEMBRANES AND MATERIALS PETROMAT PHILLIPS PETROLEUM CO. RD-2008 UNDER EVALUATION R&D DIV ODOT WATERPROOF BRIDGE DECK MEMBRANE.

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10-28-93 WATERPROOFING MEMBRANES AND MATERIALS POLYVINYL ACETATE LATEX SEALER SEB PAINT CO. RD-2076 NOT ACCEPTED R&D DIV. ODOT DOES NOT MEET ODOT SPEC. 701.12 REDUCES MOISTURE ABSORPTION TO 0.4% PER 24HRS.

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10-27-91 WATERPROOFING MEMBRANES AND MATERIALS CHEM-TRETE "H" DYNAMIT NOBEL AKTIENGESELL SHAFT, WEST GERMANY RD-2331 NOT ACCEPTED R&D DIV. ODOT FAILS ODOT SPEC. 701.12. EXCEEDS AASHTO T-259 AND T-260 CHLORIDE PONDING TEST LIMITS REQUIREMENTS. ODOT LAB. REPORT #2-35291-78523 3-13-82 IN LAB. & RESEARCH FILES.

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10-27-93WATERPROOFING MEMBRANES AND MATERIALSEPOXEALEPOXEAL INC.RD-2308NOT ACCEPTEDR&D DIV. ODOTWILLNOT MEET ODOT SPEC. 701.12. THE PRODUCT IS EPOXY.

12-16-92 WATERPROOFING MEMBRANES AND MATERIALS HYDROZO CLEAR 30 MODIFIED HYDROZO COATINGS COMPANY RD-2339 UNDER EVALUATION R&D DIV. ODOT DOES NOT MEET ODOT SPEC. 515, SUBSECTION 701.12.

10-27-93WATERPROOFING MEMBRANES AND MATERIALSHYDROZO CLEAR 30HYDROZO COATINGS COMPANYRD-2334NOT ACCEPTEDR&D DIV. ODOTDOES NOT MEET ODOT SPEC. 515, SUBSECTION 701.12. EXCEEDSMOISTURE ABSORPTION LIMIT. ODOT LAB. REPORT #1-4350-774639-6-85REPORTS 2.77% MOISTURE ABSORPTION WITHIN 50 DAY PERIOD.

10-27-92 WATERPROOFING MEMBRANES AND MATERIALS PE-50 STEELCOTE MFG. CO. RD-2310 NOT ACCEPTED R&D DIV ODOT FAILS ODOT SPEC. 701.12. ODOT LAB. REPORT 5-31-73, MAX CARTER TO LARRY THOMPSON, INDICATES 5.7% MOISTURE ABSORPTION WITHIN 24 HR. PERIOD. REPORT IN RESEARCH FILE. OKLAHOMA

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10-20-94 WATERPROOFING MEMBRANES AND MATERIALS PRECO SILANE PRECO INDUSTRIES LLD. RD-2335 PENDING R&D DIV. ODOT EVALUATION PENDING UPON MANUFACTURER FURNISHING TEST RESULTS INDICATING PRODUCT WILL MEET ODOT SPEC. 701.12.

10-01-94WATERPROOFING MEMBRANES AND MATERIALSPROTECTO WRAPPROTECTO WRAPRD-2011UNDER EVALUATIONR&D DIV ODOTPREFORMED WATERPROOF MEMBRANE

10-20-92 WATERPROOFING MEMBRANES AND MATERIALS PROTECRETE ADVANCED CONCRETE TREATMENT INC. RD-2338 PENDING R&D DIV. ODOT EVALUATION PENDING ODOT RECEIVING TESTS RESULTS FURNISHED BY MANUFACTURER FOR TESTS AASHTO T 259 AND T 260, ASTM C-642, OHD L-34, AND OHD L-35, PRODUCT DOES NOT MEET ODOT SPEC. 701.12.

10-01-92 WATERPROOFING MEMBRANES AND MATERIALS ROYSTON BRIDGE MEMBRANE NO. 10 ROYSTON LABORATORIES, INC. RD-2017 UNDER EVALUATION R&D DIV. ODOT PREFORMED FIBER GLASS REINFORCED RUBBERIZED ASPHALT SHEET FOR PROTECTING PCC BRIDGE DECKS FROM DETERIORATION CAUSED BY DEICING CHEMICALS.

12-04-93 WATERPROOFING MEMBRANES AND MATERIALS SIL-ACT SILANE ADVANCED CHEMICAL TECHNOLOGIES RD-2333 ACCEPTED R&D DIV. ODOT MEETS ODOT SPEC. 701.12. ODOT RESEARCH FINAL REPORT 12-'86, FHWA-RD-86-193 REPORT, AND WISS JANNEY ELSTNER REPORT # 831295 ARE AVAILABLE. STOPS SALT AND WATER AND RESULTING CORROSION. OKLAHOMA

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10-27-94 WATERPROOFING MEMBRANES AND MATERIALS SEALER-HEALER ROHM AND HAAS COMPANY RD-2337 NOT ACCEPTED R&D DIV. ODOT THE MATERIAL WEARS AWAY UNDER TRAFFIC ABRASION AND WEATHERS OFF OF THE BRIDGE DECK LEAVING IT EXPOSED AND UNPROTECTED.

12-09-92 WATERPROOFING MEMBRANES AND MATERIALS SINMAST EPOXY SYSTEM SINMAST OF AMERICA, INC. RD-2075 NOT ACCEPTED R&D DIV. ODOT WILL NOT MEET ODOT SPEC. 701.12. EPOXY SYSTEM USED WITH SAND POLISHES AND LOOSES SAND, LOWERING SKID RESISTANCE. ODOT RESEARCH FINAL REPORT AVAILABLE.

09-01-93 WATERPROOFING MEMBRANES AND MATERIALS PCR PROSIL PCR, INC. RD-2341 ACCEPTED R & D DIV., ODOT. SAMPLES HAVE BEEN TESTED BY ODOT MATERIALS LAB. MEETS ODOT SPEC. 515S.

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