This list is for innovative products for which VDOT does not have an existing specification in its Road & Bridge Specifications or existing statewide Special Provision, and therefore no Approved List. To be listed here, a product must have VDOT interest and a New Product Application must be submitted to the VDOT Materials Division Quality Assurance Manager. The product will be reviewed by VDOT for acceptance or rejection. If accepted, it will be added to the list with a VDOT number and VDOT contact to notify prior to use until adequate trials are documented over a period of time to justify its use.

After adequate trials, contact information will be deleted from the NPEL and replaced with “Approved for Use”. A product is removed from the list if it is used frequently enough to warrant a specification. The Approved List can be used if there are 3 or more of the same product meeting the new specification. *It can be removed if it did not work well in the trial installations, or it did not get used over a period of 2 years.*

**Project Acceptance**

Assignments on a Source of Materials (C-25) will include NPEL number, the assigned VDOT contact and phone number.

**Field Evaluations**

Prior to use, the VDOT contact listed will be notified no less than 5 days before installation. During installation the New Product Performance Evaluation Form (See. Chapter 1 Appx. G [https://www.vdot.virginia.gov/business/resources/Materials/bu-mat-MOI-I.pdf](https://www.vdot.virginia.gov/business/resources/Materials/bu-mat-MOI-I.pdf) ) shall be filled out
and completed and returned to the Quality Assurance Manager within 2 weeks of installation. Manufacturer, Contractor and Project personnel are to ensure these requirements are met.

Iron and steel products must also list all manufacturing locations, whether domestic or foreign, so that users can tell if the product meets Buy America requirements or not.

Materials Division Quality Assurance Manager – Laura Hisey, laura.hisey@vdot.virginia.gov, 804-317-0318cell / 804.328.3165office


All VDOT contact email addresses in the tables below have the common @vdot.virginia.gov ending.

TABLE OF CONTENTS
CONCRETE PRODUCTS ................................................................................................................................. 3
PATCH MATERIALS PRODUCTS ...................................................................................................................... 6
ASPHALT PRODUCTS ........................................................................................................................................ 8
STRUCTURE AND PAVEMENT JOINT SYSTEMS, JOINT FILLER MATERIALS, AND CRACK SEALERS .......... 10
JOINT MAINTENANCE AND WATERPROOFING ......................................................................................... 13
SOIL STRENGTHENING CHEMICALS AND CHEMICAL GROUTS ............................................................... 16
LIGHTWEIGHT AGGREGATE AND SYNTHETIC DRAINAGE MATERIAL .................................................. 17
EROSION CONTROL AND OTHER LANDSCAPE TREATMENT .............................................................. 18
STORMWATER DRAINAGE PRODUCTS .................................................................................................... 22
STRUCTURAL MATERIALS AND COMPONENTS AND STEEL COATINGS ................................................ 23
TRAFFIC CONTROL DEVICES .................................................................................................................... 25
ANTI-ICING PRODUCTS .......................................................................................................................... 26
MISCELLANEOUS ....................................................................................................................................... 27
## Concrete Products

<table>
<thead>
<tr>
<th>VDOT #</th>
<th>Product Name</th>
<th>Product Use and Description</th>
<th>Product Contact Information</th>
<th>VDOT Contact to Notify for Trial Use</th>
</tr>
</thead>
</table>
| 2013-29  | Concrete Canvas      | Concrete impregnated cloth product for patching drainage ditches, concrete-paved slopes, and for non-structural pipe invert patching. | Joe Belmonte  
Environmental Const. Sol / Landscape Supply  
434.872.1059  
[ibelmonte@ecsproductsva.com](mailto:ibelmonte@ecsproductsva.com)  
2501 Oak Lake Blvd  
Midlothian, VA 23112 | **Contact prior to use**  
Wansoo Kim – 804.328.3140 – wansoo.kim@                                                      |
| 2018-02  | PCC-1121 Polyester Polymer Concrete | As an alternative for concrete overlay products                                         | Kwik Bond Polymers  
923 Teal Drive  
Benicia, CA 94510  
866.434.1772 | **Contact prior to use**  
Angela Beyke - 804.328.3130 – angela.beyke@                                                 |
| 2019-55  | Eco-Rise             | Used to inject under concrete slabs that have settled to lift them up.                   | VF Specialty Products, LLC  
2410  
104th ST CT S. Ste D  
Lakewood, WA 98499  
253-588-7101  
Paalyn Hunt  
[paalynh@specialty-products.com](mailto:paalynh@specialty-products.com) | **Contact prior to use**  
Scott Crafton – 804.786.0735 – scott.crafton@                                            |
| 2020-21  | Komponent            | Special care needs to be used when adding to ready mix truck to ensure Komponent get completely mixed into the concrete. | CTS Cement Manufacturing Corp  
12442 Knott St., Garden Grove, CA 92841  
714-793-1040  
[https://www.ctscement.com/](https://www.ctscement.com/) | **Contact prior to use**  
Michael Sprinkel – 434-906-7220 – Michael.sprinkel@ AND  
Angela Beyke - 804.328.3130 – angela.beyke@                                                |
| 2020-69  | Super Slab           | Precast Pavement Systems – The approval is subject to further clarification of the submitted specification/details and a successful trial installation | The Fort Miller Co.  
P.O. Box 98  
Schuylerville, NY 12871-0098  
(516)695-4970 | **Contact prior to use**  
Affan Habib – 804.328.3129  
Affan.habib@                                                                           |
| 2021-05  | Sika Pronto 500 PPC  | Polyester Polymer Concrete System. Used as an alternative for concrete overlay product.  
*Note:* Once informed of installation, VDOT Contact is to notify Raquel Rickard, Industrial Hygienist. | Sika Corp.  
201 Polito Avenue  
Lyndhurst, NJ 07071  
Brandon McNamara  
[Mcnamara.brandnnon@us.sika.com](mailto:Mcnamara.brandnnon@us.sika.com)  
(201)249-1993 | **Contact prior to use**  
Angela Beyke - 804.328.3130 – angela.beyke@                                                |
| 2022-04 | GatorBar | Alternative to steel to be used in low risk areas. Note: NOT to be used in Structural applications. | Neuvokas  
3206 Number 6 Road  
Ahmeek, MI 49901  
Sherman Mowery  
sherman@gatorbar.com  
906-934-2661  
https://www.neuvokascorp.com/ | Contact prior to use  
Angela Beyke - 804.328.3130 – angela.beyke@ |
## PATCH MATERIALS PRODUCTS

<table>
<thead>
<tr>
<th>VDOT #</th>
<th>Product Name</th>
<th>Product Use and Description</th>
<th>Product Contact Information</th>
<th>VDOT Contact to Notify for Trial Use</th>
</tr>
</thead>
<tbody>
<tr>
<td>2002-21</td>
<td>DOT-Pothole Filler</td>
<td>Pothole repair product. May be used on roadways with an ADT ≤ 13,000 VPD with &lt; 6% trucks meeting FHWA Class 5 or greater.</td>
<td>NewLife Products and Equipment Co. 4821 Grisham Drive Rowlett, TX 75088 <a href="http://www.dotpotholefiller.com">www.dotpotholefiller.com</a></td>
<td>Contact prior to use Sungho Kim – 804.328.3137 – sungho.kim@</td>
</tr>
<tr>
<td>2008-17</td>
<td>Subac</td>
<td>Underwater cement</td>
<td>Subac Underwater Cement, Inc. 1265 Saratoga St Boston, Massachusetts 02128 866.277.8222 <a href="http://www.subac.com">http://www.subac.com</a></td>
<td>Contact prior to use Angela Beyke - 804.328.3130 – angela.beyke@</td>
</tr>
<tr>
<td>2009-21</td>
<td>E-crete #57</td>
<td>Elastomeric Concrete Patching Materials.</td>
<td>Chase Corporation 295 University Avenue Westwood, MA 02090 Dave Fricke <a href="mailto:dfricke@chasecorp.com">dfricke@chasecorp.com</a> 781.332.7000 <a href="https://chasecorp.com/">https://chasecorp.com/</a></td>
<td>Contact prior to use Angela Beyke - 804.328.3130 – angela.beyke@</td>
</tr>
<tr>
<td>2010-07</td>
<td>Rapid Set Cement</td>
<td>Rapid-setting cement for use in hydraulic cement concrete mixes for the purpose of patching hydraulic cement concrete elements.</td>
<td>CTS Cement Manufacturing Corporation 12442 Knott St., Garden Grove, CA 92841 714.793.1040 <a href="https://www.ctscement.com/">https://www.ctscement.com/</a></td>
<td>Contact prior to use Angela Beyke - 804.328.3130 – angela.beyke@</td>
</tr>
<tr>
<td>2012-13</td>
<td>TechCrete TBR</td>
<td>A hot-applied polymer-modified resin based flexible concrete repair for use with Flexible Concrete Plug Joints for Bridges.</td>
<td>Crafco, Inc. 6165 W. Detroit St. Chandler, AZ 85226 Main: Store #:800-732-5268 <a href="http://www.crafco.com">www.crafco.com</a> Emory Banner <a href="mailto:Emory.Banner@crafco.com">Emory.Banner@crafco.com</a></td>
<td>Contact prior to use Angela Beyke - 804.328.3130 – angela.beyke@AND Todd Springer – 804.786.7537 – todd.springer@ before use with flexible concrete plug joints for bridges</td>
</tr>
<tr>
<td>2015-02</td>
<td>Fibrecrete EG</td>
<td>A hot-applied polymer-modified resin based flexible concrete repair are suitable flexible concrete materials for use with Flexible Concrete Plug Joints for Bridges.</td>
<td>Fibrecrete Preservation Technologies, Inc 401 Old US 52 South Mount Airy, NC 27030 USA t: 1-336-789-7259 <a href="http://www.fibrecretept.com">www.fibrecretept.com</a></td>
<td>Contact prior to use Angela Beyke - 804.328.3130 – angela.beyke@AND Todd Springer – 804.786.7537 – todd.springer@ before use with flexible concrete plug joints for bridges</td>
</tr>
<tr>
<td>Year</td>
<td>Material Type</td>
<td>Description</td>
<td>Supplier Information</td>
<td>Contact Information</td>
</tr>
<tr>
<td>------</td>
<td>----------------------</td>
<td>-----------------------------------------------------------------------------</td>
<td>---------------------------------------------------------------------------------------</td>
<td>--------------------------------------------------------------------------------------</td>
</tr>
</tbody>
</table>
| 2019-04 | HP Concrete Cold Patch | A patching material used for concrete and asphalt pavement, potholes, spalls, cracks with gray color. It has thermoplastic binder not asphalt based. | Crafco, Inc.  
6165 W. Detroit St.  
Chandler, AZ 85226  
Main: Store #:800-732-5268  
www.crafco.com  
Emory Banner  
Emory.Banner@crafco.com | **Contact prior to use**  
Angela Beyke - 804.328.3130 – angela.beyke@ for concrete use  
And  
Sungho Kim – 804.328.3137 – sungho.kim@ for asphalt use |
| 2021-06 | Power Grid Stitch    | Pre-impregnated, bidirectional carbon fiber grid strap for use as an externally bonded reinforcement for crack stitching and strengthening of concrete and masonry structures. | Fortec Stabilization Stabilization System  
184 West 64th Street  
Holland, MI 418111  
todd@fortechstabilization.com | **Contact prior to use**  
Angela Beyke - 804.328.3130 – angela.beyke@ |
<table>
<thead>
<tr>
<th>VDOT #</th>
<th>Product Name</th>
<th>Product Use and Description</th>
<th>Product Contact Information</th>
<th>VDOT Contact to Notify for Trial Use</th>
</tr>
</thead>
<tbody>
<tr>
<td>2007-49</td>
<td>Rosphalt 50</td>
<td>Dry mix asphalt additive, typically applied to bridge deck overlays, tunnels, etc.</td>
<td>Chase Construction Products</td>
<td>Contact prior to use Sungho Kim – 804.328.3137 – sungho.kim@</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>B. Peterson&lt;br&gt;201 Zeta Dr.&lt;br&gt;Pittsburgh, PA 15238&lt;br&gt;412-406-5564&lt;br&gt;<a href="mailto:bpeterson@chasecorp.com">bpeterson@chasecorp.com</a></td>
<td></td>
</tr>
<tr>
<td>2011-35</td>
<td>Fibermat</td>
<td>A fiber reinforced bituminous membrane when used as a surface treatment performs as an enhanced crack-resistant high performance resurfacing treatment. When used as an interlayer, it can be topped with a wide variety of surfacing treatments.</td>
<td>Branscome Solution&lt;br&gt;Jack Kowalski&lt;br&gt;432 McLaws Circle&lt;br&gt;Williamsburg, VA 23185&lt;br&gt;757-320-1415&lt;br&gt;<a href="mailto:kowalskij@branscome.com">kowalskij@branscome.com</a></td>
<td>Contact prior to use Sungho Kim – 804.328.3137 – sungho.kim@ Affan Habib – 804-328-3129 Affan.habib@</td>
</tr>
<tr>
<td>2018-00</td>
<td>Ace Fiber</td>
<td>Asphalt mixture additive to mitigate cracking, rutting, and raveling.</td>
<td>Surface Tech, LLC&lt;br&gt;Randy Thomas&lt;br&gt;Site Supply, Inc.&lt;br&gt;1147 Clough Pike&lt;br&gt;Batavia, OH 45103</td>
<td>Contact prior to use Sungho Kim – 804.328.3137 – sungho.kim@</td>
</tr>
<tr>
<td>2018-06</td>
<td>Forta-Fi</td>
<td>Asphalt Mixture Fiber additive to mitigate cracking, rutting, and raveling.</td>
<td>Forta Corporation&lt;br&gt;Scott Nazar&lt;br&gt;100 Forta Drive&lt;br&gt;Grove City, PA 16127&lt;br&gt;724-877-7250&lt;br&gt;<a href="mailto:snazar@fortacorp.com">snazar@fortacorp.com</a></td>
<td>Contact prior to use Sungho Kim – 804.328.3137 – sungho.kim@</td>
</tr>
<tr>
<td>2019-61</td>
<td>Recycled Toner Pellet</td>
<td>Recycled toner pellet additive for asphalt mix to increase rut resistance by replacing some virgin binder. It may decrease crack resistance.</td>
<td>Canon Virginia, Inc.&lt;br&gt;David Herring&lt;br&gt;12000 Canon Blvd.&lt;br&gt;Newport News, VA 757-881-6214&lt;br&gt;<a href="mailto:dherring@cvi.canon.com">dherring@cvi.canon.com</a></td>
<td>Contact prior to use Sungho Kim – 804.328.3137 – sungho.kim@</td>
</tr>
<tr>
<td>2020-03</td>
<td>Liquid Road</td>
<td>Finer Slurry with a polymer and fiber modified emulsion for minor (subdivision) routes, packaged into manufacturer application tanker at manufacturer facility.</td>
<td>SealMaster&lt;br&gt;Evan Sieler&lt;br&gt;703 W Decatur St&lt;br&gt;Madison, NC 27025&lt;br&gt;336-209-8852&lt;br&gt;<a href="mailto:evan@sealmasternc.com">evan@sealmasternc.com</a></td>
<td>Contact prior to use Sungho Kim – 804.328.3137 – sungho.kim@</td>
</tr>
</tbody>
</table>
| 2021-13 | Surface EXT | An alkali and acid resistant glass fiber specifically to extend the life of micro-surfacing and slurry seal applications, which may improve flexibility and long-term durability. | Forta Corp / Owens Corning
Molly Anderson
100 Forta Drive
Grove City, PA 16127
724.967.4641 | **Contact prior to use**
Sungho Kim – 804.328.3137 – sungho.kim@ |
<table>
<thead>
<tr>
<th>VDOT #</th>
<th>Product Name</th>
<th>Product Use and Description</th>
<th>Product Contact Information</th>
<th>VDOT Contact to Notify for Trial Use</th>
</tr>
</thead>
<tbody>
<tr>
<td>NPEL-10</td>
<td>Emseal Bridge Expansion Joint System</td>
<td>100% acrylic, preformed, pre-compressed, factory cured and silicone-coated impregnated cellular foam for bridge expansion joints.</td>
<td>Emseal Joint Systems, Ltd. 25 Bridle Ln, Westborough, MA 01581 <a href="https://www.emseal.com/508.836.0280">https://www.emseal.com/508.836.0280</a></td>
<td>Contact prior to use Angela Beyke - 804.328.3130 – angela.beyke@</td>
</tr>
<tr>
<td>NPEL-11</td>
<td>Weathermaster Ultimate MP Sealant</td>
<td>Adheres well to damp surfaces and provides a weather-tight seal against water, wind, dust and dirt.</td>
<td>Titebond 2020 Bruck Street Columbus, Ohio 43207 Phone: 1.800.877.4583 <a href="http://www.titebond.com/">http://www.titebond.com/</a></td>
<td>Contact prior to use Angela Beyke - 804.328.3130 – angela.beyke@</td>
</tr>
<tr>
<td>1991-06</td>
<td>Jeene Structural Joint Sealing System</td>
<td>Structural sealing joint system</td>
<td>Watson Bowman Acme Corp. 95 Pineview Drive Buffalo, NY 14228 800.6677.4922 <a href="http://www.wbacorp.com">www.wbacorp.com</a></td>
<td>Contact prior to use Angela Beyke - 804.328.3130 – angela.beyke@</td>
</tr>
<tr>
<td>1992-21</td>
<td>X.J.S. Expansion Joints</td>
<td>Silicone sealant bridge expansion joint system</td>
<td>Silicone Specialties, Inc. 430 S. Rockford Tulsa, OK 74120 918.587.5567 <a href="http://www.ssicm.com/">http://www.ssicm.com/</a></td>
<td>Contact prior to use Angela Beyke - 804.328.3130 – angela.beyke@</td>
</tr>
<tr>
<td>1996-01</td>
<td>Silicoflex</td>
<td>Expansion joint sealant</td>
<td>R. J. Watson, Inc. 11035 Walden Ave, Alden, NY 14004 716.901.7020 <a href="http://www.rjwatson.com/">http://www.rjwatson.com/</a></td>
<td>Contact prior to use Angela Beyke - 804.328.3130 – angela.beyke@</td>
</tr>
<tr>
<td>2000-14</td>
<td>Tron-Flex (formerly ISO FLES 900)</td>
<td>Expansion joint material for use where traffic is 1,500 VPD with no more than 5% trucks</td>
<td>Lyntal International 4150 S Lapeer Rd, Lake Orion, MI 48359 248.373.811 <a href="http://www.lyntal.com/">http://www.lyntal.com/</a></td>
<td>Contact prior to use Angela Beyke - 804.328.3130 – angela.beyke@</td>
</tr>
<tr>
<td>2009-20</td>
<td>CEVA 250 System</td>
<td>Bridge expansion joint system</td>
<td>Chase Corporation 295 University Avenue Westwood, MA 02090 <a href="https://chasecorp.com/">https://chasecorp.com/</a> Office: 1.781.332.0700 Dave Fricke</td>
<td>Contact prior to use Angela Beyke - 804.328.3130 – angela.beyke@</td>
</tr>
<tr>
<td>Year</td>
<td>Product</td>
<td>Description</td>
<td>Contact Information</td>
<td>Notes</td>
</tr>
<tr>
<td>------</td>
<td>---------</td>
<td>-------------</td>
<td>---------------------</td>
<td>-------</td>
</tr>
</tbody>
</table>
| 2009-22 | CEVA 100 System | Bridge expansion joint system | Chase Corporation 295 University Avenue Westwood, MA 02090 [https://chasecorp.com/](https://chasecorp.com/)  
Office: 1.781.332.0700  
Dave Fricke dfricke@chasecorp.com | Contact prior to use  
Angela Beyke - 804.328.3130 – angela.beyke@ |
| 2009-31 | Tripstop | Expansion joint product for sidewalks | Access Products, Inc. 241 Main St., Suite 100, Buffalo, New York 14203  
Phone: (888) 679-4022  
Email: info@accessproducts.com [https://tripstop.us/](https://tripstop.us/) | Contact prior to use  
Angela Beyke - 804.328.3130 – angela.beyke@ |
| 2010-19 | WABO Evazote UV Expansion Joint System | A preformed low density closed cell cross-linked ethylene vinyl acetate polyethylene copolymer nitrogen blown joint seal that is bonded in place with a 2 component epoxy. | Watson Bowman ACME/BASF 95 Pineview Dr, Buffalo, NY 14228  
800.677.4922 [https://www.wbacorp.com/](https://www.wbacorp.com/) | Contact prior to use  
Angela Beyke - 804.328.3130 – angela.beyke@ |
| 2013-11 | WABO SPS Joint System | Preformed silicone joint | Watson Bowman ACME/BASF 95 Pineview Dr, Buffalo, NY 14228  
800.677.4922 [https://www.wbacorp.com/](https://www.wbacorp.com/) | Contact prior to use  
Angela Beyke - 804.328.3130 – angela.beyke@ |
Angela Beyke - 804.328.3130 – angela.beyke@ |
Kevin O’Neill – 804.609.5259 – kevin.oneill@ |
<table>
<thead>
<tr>
<th>Year</th>
<th>Product</th>
<th>Description</th>
<th>Manufacturer</th>
<th>Contact Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>2018-01</td>
<td>WABO FS Bridge Seal</td>
<td>Pre-compressed, silicone coated, self-expanding foam</td>
<td>Watson Bowman ACME/BASF 95 Pineview Dr, Buffalo, NY 14228 (800) 677-4922 <a href="https://www.wbacorp.com/">https://www.wbacorp.com/</a></td>
<td>Contact prior to use Angela Beyke - 804.328.3130 – angela.beyke@</td>
</tr>
<tr>
<td>2019-13</td>
<td>J-Band</td>
<td>Void reducing asphalt membrane which is a polymer modified asphalt material designed to fill the asphalt voids at the asphalt pavement longitudinal joint.</td>
<td>Associated Asphalt 2677 Roanoke Ave., SW Roanoke, VA 24015 <a href="https://associatedasphalt.com/">https://associatedasphalt.com/</a></td>
<td>Contact prior to use Sungho Kim – 804.328.3137 – sungho.kim@</td>
</tr>
<tr>
<td>2019-21</td>
<td>Emcrete II / Emseal</td>
<td>Material to work in conjunction with approved Class III BEJS</td>
<td>Sika/Emseal 201 Polito Avenue Lyndhurst, NJ 07071</td>
<td>Contact prior to use Jeff Milton – 434.856.8278 – jeffrey.milton@</td>
</tr>
<tr>
<td>VDOT #</td>
<td>Product Name</td>
<td>Product Use and Description</td>
<td>Product Contact Information</td>
<td>VDOT Contact to Notify for Trial Use</td>
</tr>
<tr>
<td>--------</td>
<td>------------------------------------</td>
<td>---------------------------------------------------------------------------------------------</td>
<td>---------------------------------------------------------------------------------------------</td>
<td>--------------------------------------------------------------------------</td>
</tr>
</tbody>
</table>
Fortec Stabilization System
800.207.6204
solutions@fortecstabilization.com
184 West 64th Street, Holland, MI 49423
www.FortecStabilization.com | **Contact prior to use**
Angela Beyke - 804.328.3130 – angela.beyke@ |
| NPEL-06| Swelltite Composite Bentonite Waterproofing System and A-3000 WB Adhesive | Waterproofing membrane installed on the exterior of below-grade structures.                 | Stacy Byrd
CETCO
800.527.9948
tech.services@mineralstech.com
2870 Forbs Ave. Hoffman Estates, IL 60192
www.cetco.com | **Contact prior to use**
Wansoo Kim – 804.328.3140 – wansoo.kim@ |
10448 Chester Road
Cincinnati, OH 45215
513-827-9169
www.hydratechllc.com
Heather Spurlino
(513-978-6442
Heather.spurlina@hydratechllc.com | **Contact prior to use**
Wansoo Kim – 804.328.3140 – wansoo.kim@ |
| 2008-11| Bridge Deck Membrane System        | Highway bridge deck waterproofing membrane                                                  | Bridge Preservation, LLC
686 South Adams Street
Kansas City, KS 66105
Phone: (913) 321-9000
www.bridgepreservation.com | **Contact prior to use**
Angela Beyke - 804.328.3130 – angela.beyke@ |
| 2009-02| Ultracure DOT                      | Concrete curing blanket that does not require re-wetting.                                   | McTech Group, Inc.
P.O. Box 626
Hertford, NC 27944
866.913.8363
www.mctechgroup.com | **Contact prior to use**
Angela Beyke - 804.328.3130 – angela.beyke@ |
<table>
<thead>
<tr>
<th>Year</th>
<th>Material Description</th>
<th>Contact Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>2010-21</td>
<td>Waterproofing membrane installed on the exterior of below-grade structures,</td>
<td>Stacy Byrd CETCO 800.527.9948 <a href="mailto:tech.services@mineraltech.com">tech.services@mineraltech.com</a> 2870 Forbs Ave. Hoffman Estates, IL 60192 <a href="http://www.cetco.com">www.cetco.com</a></td>
</tr>
<tr>
<td>2017-16</td>
<td>Waterproofing liner. Not for use on pipe joints.</td>
<td>Scott Hauser Carlisle Coatings and Waterproofings 704.622.0984 900 Hensley Lane, Wylie, TX 75098 <a href="http://www.carlisleccw.com">www.carlisleccw.com</a></td>
</tr>
<tr>
<td>2018-08</td>
<td>Used to prevent bond between existing and new concrete structures.</td>
<td>Jim Carbone Raven Industry 216.401.4058 <a href="mailto:James.carbone@ravenind.com">James.carbone@ravenind.com</a> 1430 Genicom Dr. Waynesboro, VA 22980 <a href="http://www.ravenefd.com">www.ravenefd.com</a></td>
</tr>
<tr>
<td>2021-02</td>
<td>Spray applied to bridge decks to heal cracks and provide long-term waterproofing</td>
<td>Paul Shelton Alchemco 804-585-5165 <a href="mailto:Paul.shelton@alchemco.com">Paul.shelton@alchemco.com</a> 3532 Maryland Court Henrico, VA 23233</td>
</tr>
<tr>
<td>2021-03</td>
<td>Spray applied to bridge decks to heal cracks and provide long-term waterproofing</td>
<td>Paul Shelton Alchemco 804-585-5165 <a href="mailto:Paul.shelton@alchemco.com">Paul.shelton@alchemco.com</a> 3532 Maryland Court Henrico, VA 23233</td>
</tr>
<tr>
<td>2021-04</td>
<td>Spray applied to bridge decks to heal cracks and provide long-term waterproofing</td>
<td>Paul Shelton Alchemco</td>
</tr>
</tbody>
</table>

Contact prior to use
Wansoo Kim – 804.328.3140 – wansoo.kim@
| 804-585-5165  
Paul.shelton@alchemco.com  
3532 Maryland Court  
Henrico, VA 23233 | Angela Beyke - 804.328.3130 –  
angela.beyke@ |
<table>
<thead>
<tr>
<th>VDOT #</th>
<th>Product Name</th>
<th>Product Use and Description</th>
<th>Product Contact Information</th>
<th>VDOT Contact to Notify for Trial Use</th>
</tr>
</thead>
</table>
| 2009-54 | Ecoroads      | A road stabilization technology that helps increase the strength, density and durability of roads and road bases. | Edward Rotstein  
Terrafusion International, Inc.  
800.820.9971  
contact@ecoroads.net  
10 148th Ave NE, Office 201,  
Bellevue WA98007  
www.ecoroads.net | Contact prior to use  
Wansoo Kim – 804.328.3140 –  
wansoo.kim@ |
| 2016-05 | AV-202 Multi Grout | Prepolymer solution that forms a strong flexible foam or softer gel material that can penetrate surrounding soil. For repair use in large cracks or joints in concrete, precast structures, manholes, and pipe penetration. | Frank Aguilar  
Avanti International  
281.486.5600  
Frank.aguilar@avantigrout.com  
822 Bay Star Blvd., Webster, TX, 77598  
www.avantigrout.com | Contact prior to use  
Wansoo Kim – 804.328.3140 –  
wansoo.kim@ |
| 2022-01 | ROAD-HARD     | For use as a dust control agent, as an erosion control product, and a soil stabilizer for hardening soils and controlling dust on unpaved roads, work areas, and recreational trials. | John Quackenboss  
L&Q International, Inc.  
703.299.9575  
John.quackenboss@l-q-international.com  
201 N. Fairfax Street, Suite 32  
Alexandria, VA 22314  
www.l-q-international.com | Contact prior to use  
Biraj Gautam – 804.328.3076 –  
biraj.guatam@ |
| 2022-02 | TerraZyme     | A natural, liquid enzyme formulation that can be used to dry saturated soils in 24 to 36 hours. It also helps increase soil strength and stabilize soils. ROAD-HARD and TerraZyme complement each other and provide a strong, water resistant base when used together. | John Quackenboss  
L&Q International, Inc.  
703.299.9575  
John.quackenboss@l-q-international.com  
201 N. Fairfax Street, Suite 32  
Alexandria, VA 22314  
www.l-q-international.com | Contact prior to use  
Biraj Gautam – 804.328.3076 –  
biraj.guatam@ |
# LIGHTWEIGHT AGGREGATE AND SYNTHETIC DRAINAGE MATERIAL

<table>
<thead>
<tr>
<th>VDOT #</th>
<th>Product Name</th>
<th>Product Use and Description</th>
<th>Product Contact Information</th>
<th>VDOT Contact to Notify for Trial Use</th>
</tr>
</thead>
</table>
| 2000-04 | Tendrain     | Synthetic drainage material. Alternative to open-graded drainage layer. | Michael Schneider  
Tenax Corporation  
410.670.8441  
michael@geosyntheticsolutions.com  
4800 East monument Street,  
Baltimore, MD 21205  
www.tenaxus.com | Contact prior to use  
Wansoo Kim – 804.328.3140  
– wansoo.kim@ |
| 2008-03 | Insulfoam GF | For use as a lightweight embankment material. | Chip Coughlan  
Insulfoam, LLC  
800-242-8879  
coughlan@insulfoam.com  
4500 South Frontage Rd. Lakeland, FL 33815  
www.insulfoam.com | Contact prior to use  
Wansoo Kim – 804.328.3140  
– wansoo.kim@ |
Aero Aggregates of North America LLC  
833.261.8499  
archie@aeroaggregates.com  
1500 Chester Pile, Eddystone, PA 19022  
www.aeroaggregates.com | Contact prior to use  
Wansoo Kim – 804.328.3140  
– wansoo.kim@ |
<table>
<thead>
<tr>
<th>VDOT #</th>
<th>Product Name</th>
<th>Product Use and Description</th>
<th>Product Contact Information</th>
<th>VDOT Contact to Notify for Trial Use</th>
</tr>
</thead>
<tbody>
<tr>
<td>NPEL-05</td>
<td>Quikrete</td>
<td>Pre-packaged rip rap bags.</td>
<td>Quikrete Co. of VA 3712 Cook Blvd Chesapeake, VA 23323 757.487.3413 Quikrete.com</td>
<td>Contact prior to use Angela Beyke - 804.328.3130 – angela.beyke@</td>
</tr>
<tr>
<td>NPEL-04</td>
<td>EZ-Catch</td>
<td>Below grate inlet protection with adjustable frame.</td>
<td>Flo-Water, LLC 308 33rd St. West Des Moines, IA  50265 515-577-6763</td>
<td>Contact prior to use Jeff Hancock – 804.786.4364 – jeff.hancock@</td>
</tr>
<tr>
<td>2007-25</td>
<td>Silt Trap System</td>
<td>Storm water inlet filtration system</td>
<td>Erosion Control Products Inc. 4006 Van Dyke Court Monroe, NC 28110 704-821-4427</td>
<td>Contact prior to use Jeff Hancock – 804.786.4364 – jeff.hancock@</td>
</tr>
<tr>
<td>2010-13</td>
<td>Platipus Earth Anchoring Systems</td>
<td>Platipus Anchors, in conjunction with a surface protection material, can be used to stabilize slopes instead of rock plating or reconstructing the failed section.</td>
<td>Frank Milchuck Platipus Anchors, Inc. 919.662.0991 <a href="mailto:info@platipus.us">info@platipus.us</a> 1902 Garner Station, Raleigh, NC 27603 <a href="http://www.platipus.us">www.platipus.us</a></td>
<td>Contact prior to use Wansoo Kim – 804.328.3140 – wansoo.kim@</td>
</tr>
<tr>
<td>2010-23</td>
<td>Geoweb</td>
<td>Cellular confinement system for slope protection, channel protection, load support and earth retention.</td>
<td>Cory Schneider Presto Geosystems 920.738.1304 <a href="mailto:Cory.schneider@prestogo.com">Cory.schneider@prestogo.com</a> 670 N Perkins St. Appleton, WI 54914 <a href="http://www.prestogo.com">www.prestogo.com</a></td>
<td>Contact prior to use Wansoo Kim – 804.328.3140 – wansoo.kim@</td>
</tr>
<tr>
<td>2010-30</td>
<td>Fortrac 3D</td>
<td>Turf reinforcement mat that can be used for protection of the surface layer and reinforcement on the slope (Veneer Stability).</td>
<td>Michael Morgan Huseker, Inc 704.588.5500 <a href="mailto:mmorgan@huesker.com">mmorgan@huesker.com</a> 3701 Arco Corporate Dr #525, Charlotte, NC 28273</td>
<td>Contact prior to use Wansoo Kim – 804.328.3140 – wansoo.kim@</td>
</tr>
<tr>
<td>Year</td>
<td>Product Name</td>
<td>Description</td>
<td>Company/Contact Information</td>
<td>Contact Information</td>
</tr>
<tr>
<td>------</td>
<td>--------------</td>
<td>------------------------------------------------------------------------------</td>
<td>---------------------------------------------------------------------------------------------</td>
<td>---------------------</td>
</tr>
</tbody>
</table>
| 2012-02 | 3M Scotch-Weld Holdfast 70 | Cylinder Adhesive for Geotextile Seaming.                                  | Craig Moss
3M Company
651.736.2070
cmmoss@mmm.com
3M Center 220-04W-03 St.
Paul, MN
www.3m.com/3M/en_US/building-construction-us/ | Wansoo Kim – 804.328.3140 – wansoo.kim@ |
| 2013-37 | Typar Defencell | 20-in high cellular soil confinement product available in rows of 1, 2, 3, or 4 cells for erosion control applications such as check dams or inlet protection. | Berry Global, Inc.
70 Old Hickory Blvd
Old Hickory, TN 37138
Keith Misukanis
keithmisukanis@berryglobal.com
www.berryglobal.com
615-847-7000 | Wansoo Kim – 804.328.3140 – wansoo.kim@ |
| 2014-05 | Flexamat | Consists of concrete blocks embedded into a high strength geogrid and used as an erosion control mat. This product may be used as an alternative to the EC-3 Type 1, 2, or 3. | Motz Enterprises, Inc.
3153 Madison Road
Cincinnati, OH 45209
513-772-6689 | Jeff Hancock – 804.786.4364 – jeff.hancock@ |
| 2014-06 | Siltsack | Drop inlet silt trap. | ACF Environmental
2831 Cardwell Road
Richmond, VA 23234
(800) 223-9021 | Jeff Hancock – 804.786.4364 – jeff.hancock@ |
| 2015-01 | APS 700 | Polyacrylamide Erosion Control Powder | Applied Polymer Systems
519 Industrial Drive
Woodstock, GA 30189
678.494.5998 | Jeff Hancock – 804.786.4364 – jeff.hancock@ |
| 2015-21 | Ecoraster E50 Permeable Paving System | Versatile permeable pavement and soil reinforcement system that manages storm water where it falls | Mike Coates
Purus North America, Inc.
800.495.5517
mike@ecorastergrid.com
P.O. Box 53, 801 Tremaine Ave S, Listowel, ON N4W 3H2, Canada
www.ecorastergrid.com | Wansoo Kim – 804.328.3140 – wansoo.kim@ |
<table>
<thead>
<tr>
<th>Year</th>
<th>Product</th>
<th>Description</th>
<th>Contact Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>2016-07</td>
<td>Hydroloc H30-PAM</td>
<td>Soil stabilizing agent which reduces soil erosion, run-off, and dust.</td>
<td>Carolina Hydrologic, LLC 153 North Sea Pines Dr Hilton Head Island, SC 29928 (843) 906-4614</td>
</tr>
<tr>
<td>2016-17</td>
<td>Shoreflex</td>
<td>Consists of concrete embedded in a high strength geogrid backed by Landlok 450 and used as a rolled erosion control product. The product may be used as an alternative to the EC-3 Types 1, 2, or 3.</td>
<td>Shoretect, LLC 38200 LA HWY 16 Denham Springs, LA 70706 (225) 667-4545</td>
</tr>
<tr>
<td>2017-01</td>
<td>Aquasorb</td>
<td>Super-absorbent anionic polyacrylamide (PAM) polymer. Enhances plant growth by increasing the water-holding capacity of the soil.</td>
<td>SNF Holding Company 1 Chemical Plant Road Riceboro, GA 31323 (912) 884-3366 <a href="http://www.snf.us">www.snf.us</a></td>
</tr>
<tr>
<td>2017-05</td>
<td>Proganics Biotic Soil Media</td>
<td>Biotic Soil Media.</td>
<td>Profile Products LLC 750 Lake Cook Rd, Ste 440 Buffalo Grove, IL 60089 800-508-8681</td>
</tr>
<tr>
<td>2018-07</td>
<td>Typar Geocell</td>
<td>4-in, 6-in, or 8-in high cellular soil confinement product available in sheets for use as slope protection against erosion.</td>
<td>Keith Misukanis Berry Global, Inc. 615-847-7000 <a href="mailto:keithmisukanis@berryglobal.com">keithmisukanis@berryglobal.com</a> 70 Old Hickory Blvd. Okd Hickory, TN 37138 <a href="http://www.berryglobal.com">www.berryglobal.com</a></td>
</tr>
<tr>
<td>2019-01</td>
<td>Silt Saver Pipe Stopper B-DOT</td>
<td>Use for Pollution Prevention/Good Housekeeping on construction projects and maintenance activities. Not accepted as a substitute for EC-6 inlet protection at this time.</td>
<td>Silt Saver, Inc. 1200 Forrester Cemetery Rd Covington, GA 30014 (770) 388-7818</td>
</tr>
<tr>
<td>2020-50</td>
<td>EarthGuard Fiber Matrix</td>
<td>HECP with tackifier and anionic polyacrylamide (PAM) used as mulch. Product is on APL No. 79 for use as HECP Type 3 &amp; 4, but this NPEL is for use with PAM at a lower application rate to evaluate the effectiveness on a project specific basis.</td>
<td>LSC Environmental 2183 Pennsylvania Ave. Apalachin, NY 13732 800-800-7671</td>
</tr>
<tr>
<td>2020-04</td>
<td>ShearForce10</td>
<td>Consists of a Hybrid Vegetative Armoring System used as a permanent rolled erosion control product. Uses of the product other than EC-3 must be approved for trial</td>
<td>GrassWork, LLC 2381 Centerline Industrial Dr St. Louis, Missouri 63146</td>
</tr>
<tr>
<td>Year</td>
<td>Product</td>
<td>Description</td>
<td>Contact Person</td>
</tr>
<tr>
<td>------</td>
<td>-------------</td>
<td>-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------</td>
<td>-------------------------</td>
</tr>
</tbody>
</table>
| 2021-09 | Retem 3D Steel Grid | The Retem system is an erosion control system comprised of a galvanized steel grid made of 2 parallel steel strips linked by oblique ribs without welding points, steel anchors, LDPE (Nylon) sheet and a ready-mix concrete. The system was developed for various erosion control applications – rigid ditch lining, reinforcing culverts inlets and outlets, flume channels construction, concrete slope paving etc. | Matthew Benka | (812)483-1532 | MDB Strategies  
804.240.7984  
matt@mdbstrategies.com  
8901 River Road  
Richmond, VA 23229 | Contact prior to use  
Scott Crafton – 804.627.3733  
Scott.Crafton@treeudiaper.com |
| 2021-09 | TreeDiaper | TreeDiaper is a patented, multifunctional plant protection system featuring a slow-releasing irrigation source which auto-recharges from rain/snow. It also enhances road salt damage mitigation, weed control & protection of selected vegetation from extreme weather conditions. It also reduces water & fertilizer runoff, which decreases erosion/pollution. By absorbing rain or irrigation water that would otherwise be standing water or wasted as runoff, it significantly boosts the field capacity and plant available water and alleviates the over-watering issue. When used properly, it promotes healthy outward root growth that facilitates establishment of newly planted trees and shrubs and enhances the long term health. It is a four-season watering technology that can significantly reduce watering need during winter drought periods. It is a very effective irrigation product for Green Stormwater Infrastructure. | Wei Zhang, Ph.D. | 804.786.0735 | Zynnovation LLC  
9424 Atlee Commerce Blvd, Suite E  
Ashland, VA 23005  
E-mail: weizhang@treediaper.com  
Ph: 540-239-2438 Fax: 804-302-9100  
www.treediaper.com | Contact prior to use  
Scott Crafton – 804.786.0735  
scott.crafton@treeudiaper.com |
| 2022-06 | BaseLok Geo Cell | Cellular confinement used for slope, channel erosion control, base stabilization, and retaining wall | Al Florez | 832.870.7076 | 510 O’Neal Lane  
Baton Rouge LA, 70819  
aflorex@ind-fab.com  
832.870.7076 | Contact prior to use  
Wansoo Kim – 804.328.3140  
wansoo.kim@treeudiaper.com |
### STORMWATER DRAINAGE PRODUCTS

<table>
<thead>
<tr>
<th>VDOT #</th>
<th>Product Name</th>
<th>Product Use and Description</th>
<th>Product Contact Information</th>
<th>VDOT Contact to Notify for Trial Use</th>
</tr>
</thead>
</table>
| 2013-23  | SR-HDPE (Steel Reinforced HDPE) Pipe              | Steel rib (rib only) reinforced HDPE pipe. Follows AASHTO MP-20 material spec, and design follows AASHTO LRFD Bridge Design Spec. Installation for direct burial and relining up to 60" diameter. Larger diameters for either application may be permitted. | Greg Nester  
Contech Engineered Solutions  
540.797.6499  
Gnester@conteches.com  
137 Charmwood Circle, Moneta, VA 24121  
https://www.conteches.com/pipe/steel-reinforced-polyethylene-srpe-pipe/duromaxx-pipe | Contact prior to use  
Wansoo Kim – 804.328.3140 – wansoo.kim@ |
| 2021-08  | Kanapipe                                          | Steel reinforced HDPE corrugated pipe. Follows AASHTO MP-42 Standard Specification, and design follows AASHTO LRFD Bridge Design Spec. Installation for direct burial and relining up to 60" diameter. | Kevin Cornell  
224-545-2012  
Kecornell@comcast.net  
800 Woodlands Parkway  
Vernon Hills, IL 60061  
Kanaflexcorp.com | Contact prior to use  
Wansoo Kim – 804.328.3140 – wansoo.kim@ |
<table>
<thead>
<tr>
<th>VDOT #</th>
<th>Product Name</th>
<th>Product Use and Description</th>
<th>Product Contact Information</th>
<th>VDOT Contact to Notify for Trial Use</th>
</tr>
</thead>
<tbody>
<tr>
<td>NPEL-01</td>
<td>Carbon Fiber Strand</td>
<td>0.2-in to 0.6-in diameter carbon fiber strand for use as concrete reinforcing.</td>
<td>Tokyo Rope Company, Ltd 8301 Ronda Dr. Canton, MI 48187 734.335.6037 Tokyorope.co.jp/english</td>
<td>Contact prior to use Jeremy Clary – 804.328.3160 – jeremy.clary@ AND Bernard Kassner 434-293-1929 Bernier.kassner</td>
</tr>
<tr>
<td>2001-10</td>
<td>GTI Composite Bar Supports</td>
<td>Composite bar supports, chairs, and bolsters. These may be used on VDOT projects provided they meet the criteria set forth in the CRSI Manual of Standard Practice.</td>
<td>General Technologies, Inc. 13022 Trinity Drive Stafford, TX 77477 281.240.0550 gti-usa.cnet</td>
<td>Contact prior to use VDOT Project Engineer</td>
</tr>
<tr>
<td>2010-04</td>
<td>Lancaster Composite CP40 Marine Piling</td>
<td>A fender piling system that can be used for fender systems and seawalls.</td>
<td>Lancaster Composite 5843, 1919 Homestead Lane #102 Lancaster, PA 17601 717.945.5791 Sustainablecompositesllc.com</td>
<td>Contact prior to use District Bridge Engineer</td>
</tr>
<tr>
<td>2016-12</td>
<td>Natina Steel</td>
<td>Typically used in place of powder coating, paint, and cor-ten/weathering steel to create a more natural look on galvanized metal items.</td>
<td>Natina Products, LLC 1555 N VIP Blvd Casa Grande, AZ 85122 877-762-8462 <a href="http://www.natina.com">www.natina.com</a></td>
<td>Contact prior to use Jim Swisher – 804.328.3121 – james.swisher@</td>
</tr>
<tr>
<td>2018-09</td>
<td>Yellow Jacket Friction Reduction Pile Sleeve</td>
<td>Used on piles to reduce down drag forces.</td>
<td>Foundation Technologies, Inc. 1400 Progress Ind. Lawrenceville, GA 30043 678-376-6647 <a href="http://www.foundationtechnologies.com">www.foundationtechnologies.com</a></td>
<td>Contact prior to use William Bassett – 804.729.6355 – william.bassett@</td>
</tr>
<tr>
<td>2021-11</td>
<td>ClearCast Forms</td>
<td>Transparent stay-in-place form systems may be used for bridge deck construction (new or bridge deck replacements). Prefabricated forms are designed and supplied custom to the bridge, consisting of a galvanized, cold formed steel frame and acrylic plastic that allows for over 70% visibility to the underside of the deck concrete during and after construction. ClearCast Forms offer advantages for bridge deck construction by improving speed, safety, and</td>
<td>David Brodowski TrueTech Bridge 937.3048574 <a href="mailto:brodowskid@inventure-group.com">brodowskid@inventure-group.com</a> 223 S. West Street Suite 925 Raleigh, NC 27603</td>
<td>Contact prior to use Adam Matteo – 804.786.5171 Adam.Matteo@ And Angela Beyke - 804.328.3130 – angela.beyke@</td>
</tr>
</tbody>
</table>
Note: ClearCast Forms consist of galvanized steel joists and tracks with an acrylic sheet attached to the steel joist top flange using 3M VHB structural tape for sustainability. The form system allows for bridge deck inspection through the form, helping bridge owners comply with MAP-21 inspection metrics and better data for condition rating. With better data on the condition, VDOT can extend the life of the deck through condition based, timely preservation actions.
<table>
<thead>
<tr>
<th>VDOT #</th>
<th>Product Name</th>
<th>Product Use and Description</th>
<th>Product Contact Information</th>
<th>VDOT Contact to Notify for Trial Use</th>
</tr>
</thead>
<tbody>
<tr>
<td>2003-00</td>
<td>Q-Seal</td>
<td>One-component loop sealant</td>
<td>Chemque, Inc. 6107 Guion Road Indianapolis, IN 46254 317.291.9107 <a href="http://www.chemque.com">www.chemque.com</a></td>
<td>Contact prior to use Bret Galloway – 804-786-2536 bret.galloway@</td>
</tr>
<tr>
<td>2005-18</td>
<td>FG 300 Curb System</td>
<td>Median separation system.</td>
<td>Davidson Traffic Control Products 3110 70th Ave East Tacoma, WA 98424 877.355.4638 <a href="http://www.davidsontraffic.com">www.davidsontraffic.com</a></td>
<td>Contact prior to use Bret Galloway – 804-786-2536 bret.galloway@</td>
</tr>
<tr>
<td>2008-44</td>
<td>Snap’N Safe Breakaway Sign Post Couplers</td>
<td>Breakaway sign post couplers.</td>
<td>Designovations, Inc. 7339 Wildwood Road Stillman Valley, IL 61084 815.645.8598 <a href="http://www.designovations.com">www.designovations.com</a></td>
<td>Contact prior to use Bret Galloway – 804-786-2536 bret.galloway@</td>
</tr>
<tr>
<td>2013-44</td>
<td>ADA Speakmaster</td>
<td></td>
<td>MDI Traffic Control Products 38271 W 12 Mile Road Farmington Hills, MI 48331 248.553.1900 Mdiworldwide.com</td>
<td>Contact prior to use Bret Galloway – 804-786-2536 bret.galloway@</td>
</tr>
<tr>
<td>2014-01</td>
<td>Median Alert</td>
<td></td>
<td>Professional Pavement Products 9957 Moorings Dr. Suite 301 Jacksonville, FL 32257 888.717.7771 Pppcatalog.com</td>
<td>Contact prior to use Bret Galloway – 804-786-2536 bret.galloway@</td>
</tr>
<tr>
<td>2014-04</td>
<td>Curved Plastic Hand Hole Cover</td>
<td>Plastic cover for light pole electrical compartment.</td>
<td>Ironman Engineering, LLC 3600 Windmill Curv Woodbury, MN 51129 651.587.9535 <a href="http://www.handholecover.com">www.handholecover.com</a></td>
<td>Contact prior to use Bret Galloway – 804-786-2536 bret.galloway@</td>
</tr>
<tr>
<td>VDOT #</td>
<td>Product Name</td>
<td>Product Use and Description</td>
<td>Product Contact Information</td>
<td>VDOT Contact to Notify for Trial Use</td>
</tr>
<tr>
<td>--------</td>
<td>--------------</td>
<td>--------------------------------------------------------------------------------------------</td>
<td>-------------------------------------------------------------------------------------------</td>
<td>----------------------------------------------------------</td>
</tr>
</tbody>
</table>
| 2015-31| Chemshield   | Polymer agent for use with anti-icing solutions, including salt brine, to be used on all paved surfaces. | Miller Chemical & Fertilizer Corporation  
120 Radio Road  
Hanover, PA 17331  
717.632.8921  
Millerchemical.com | **Contact prior to use**  
Steve Shannon – 703.259.2357 – steven.shannon@ |
<table>
<thead>
<tr>
<th>VDOT #</th>
<th>Product Name</th>
<th>Product Use and Description</th>
<th>Product Contact Information</th>
<th>VDOT Contact to Notify for Trial Use</th>
</tr>
</thead>
<tbody>
<tr>
<td>NPEL-12</td>
<td>Sikament 100 SC</td>
<td>Anti-washout agent for hydraulic cement concrete.</td>
<td>Sika Chemical Corporation 201 Polito Ave, Lyndhurst, NJ 07071 201.933.8800 <a href="https://usa.sika.com/">https://usa.sika.com/</a></td>
<td>Contact prior to use Angela Beyke - 804.328.3130 – angela.beyke@</td>
</tr>
<tr>
<td>NPEL-13</td>
<td>Nox-Crete Tax-X Graffiti Remover</td>
<td>Multiple applications using hot water pressure washing may be needed for heavy, aged graffiti.</td>
<td>Nox-Crete Products 1444 S. 20th Street Omaha, NE 68101 402-341-1976 <a href="http://www.nox-crete.com">www.nox-crete.com</a></td>
<td>Contact prior to use Angela Beyke - 804.328.3130 – angela.beyke@</td>
</tr>
<tr>
<td>1987-53</td>
<td>Polydrain</td>
<td>Surface &amp; Trench Drain <em>(Ductile or gray iron castings shall conform to Section 224 of the VDOT Road and Bridge Specifications. All castings shall be provided by manufacturers on the VDOT Materials Division Approved List #61)</em></td>
<td>ABT, Inc Troutman, NC</td>
<td>Contact prior to use Wansoo Kim - 804.328.3140 – wansoo.kim@ And Matt Cross – 804.786.2477 matthew.cross@</td>
</tr>
<tr>
<td>2001-22</td>
<td>S100K Powerdrain &amp; Highway Drain (HD200)</td>
<td>Trench Drain <em>(Ductile or gray iron castings shall conform to Section 224 of the VDOT Road and Bridge Specifications. All castings shall be provided by manufacturers on the VDOT Materials Division Approved List #61)</em></td>
<td>ACO Polymer Products Chaprin Falls, OH</td>
<td>Contact prior to use Wansoo Kim - 804.328.3140 – wansoo.kim@ And Matt Cross – 804.786.2477 matthew.cross@</td>
</tr>
<tr>
<td>2002-05</td>
<td>Hi-Cap</td>
<td>Trench Drain <em>(Ductile or gray iron castings shall conform to Section 224 of the VDOT Road and Bridge Specifications. All castings shall be provided by manufacturers on the VDOT Materials Division Approved List #61)</em></td>
<td>Zurn Industries Erie, PA</td>
<td>Contact prior to use Wansoo Kim - 804.328.3140 – wansoo.kim@ And Matt Cross – 804.786.2477 matthew.cross@</td>
</tr>
<tr>
<td>2002-5B</td>
<td>Flo-Thru</td>
<td>Trench Drain <em>(Ductile or gray iron castings shall conform to Section 224 of the VDOT Road and Bridge Specifications. All castings shall be provided by manufacturers on the VDOT Materials Division Approved List #61)</em></td>
<td>Zurn Industries Erie, PA</td>
<td>Contact prior to use Wansoo Kim - 804.328.3140 – wansoo.kim@ And Matt Cross – 804.786.2477 matthew.cross@</td>
</tr>
<tr>
<td>Year</td>
<td>Manufacturer</td>
<td>Product Description</td>
<td>Contact Information</td>
<td></td>
</tr>
<tr>
<td>-------</td>
<td>----------------</td>
<td>--------------------------------------------------------------------------------------</td>
<td>--------------------------------------------------------------------------------------</td>
<td></td>
</tr>
<tr>
<td>2002-05C</td>
<td>Sani-Flo</td>
<td>Trench Drain <em>(Ductile or gray iron castings shall conform to Section 224 of the VDOT Road and Bridge Specifications. All castings shall be provided by manufacturers on the VDOT Materials Division Approved List #61)</em></td>
<td>Zurn Industries Erie, PA</td>
<td>Contact prior to use Wansoo Kim - 804.328.3140 - wansoo.kim@ And Matt Cross – 804.786.2477 matthew.cross@</td>
</tr>
<tr>
<td>2003-15</td>
<td>Taginator</td>
<td>Graffiti removal liquid.</td>
<td>Equipment Trade Service Co. 20 E Winona Ave Norwood, PA 19074 610-583-7657 <a href="http://www.shopetsonline.com">www.shopetsonline.com</a></td>
<td>Contact prior to use Angela Beyke - 804.328.3130 – angela.beyke@</td>
</tr>
<tr>
<td>2003-17</td>
<td>Tagaway</td>
<td>Graffiti removal liquid for painted and smooth surfaces.</td>
<td>Equipment Trade Service Co. 20 E Winona Ave Norwood, PA 19074 610-583-7657 <a href="http://www.shopetsonline.com">www.shopetsonline.com</a></td>
<td>Contact prior to use Angela Beyke - 804.328.3130 – angela.beyke@</td>
</tr>
<tr>
<td>2005-05A</td>
<td>Perma Trench</td>
<td>Trench Drain <em>(Ductile or gray iron castings shall conform to Section 224 of the VDOT Road and Bridge Specifications. All castings shall be provided by manufacturers on the VDOT Materials Division Approved List #61)</em></td>
<td>Zurn Industries Erie, PA</td>
<td>Contact prior to use Wansoo Kim - 804.328.3140 – wansoo.kim@ And Matt Cross – 804.786.2477 matthew.cross@</td>
</tr>
<tr>
<td>2008-39</td>
<td>ACO TraffikDrain</td>
<td>Trench Drain <em>(Ductile or gray iron castings shall conform to Section 224 of the VDOT Road and Bridge Specifications. All castings shall be provided by manufacturers on the VDOT Materials Division Approved List #61)</em></td>
<td>ACO Polymer Products Chaprin Falls, OH</td>
<td>Contact prior to use Wansoo Kim - 804.328.3140 – wansoo.kim@ And Matt Cross – 804.786.2477 matthew.cross@</td>
</tr>
<tr>
<td>2013-53</td>
<td>Eric'Sons DuraTrench</td>
<td>Trench Drain <em>(Ductile or gray iron castings shall conform to Section 224 of the VDOT Road and Bridge Specifications. All castings shall be provided by manufacturers on the VDOT Materials Division Approved List #61)</em></td>
<td>Eric'Sons Dallas, GA</td>
<td>Contact prior to use Wansoo Kim - 804.328.3140 – wansoo.kim@ And Matt Cross – 804.786.2477 matthew.cross@</td>
</tr>
<tr>
<td>2014-47</td>
<td>HydroTech Trench Drain</td>
<td>Trench Drain <em>(Ductile or gray iron castings shall conform to Section 224 of the VDOT Road and Bridge Specifications. All castings shall be provided)</em></td>
<td>Hydrotech Technologies, AG Wildehausen Germany</td>
<td>Contact prior to use Wansoo Kim - 804.328.3140 – wansoo.kim@ And Matt Cross – 804.786.2477</td>
</tr>
<tr>
<td>Year</td>
<td>Item</td>
<td>Description</td>
<td>Contact Information</td>
<td></td>
</tr>
<tr>
<td>------</td>
<td>--------------------</td>
<td>-------------------------------------------------------------------------------------------------------</td>
<td>-------------------------------------------------------------------------------------</td>
<td></td>
</tr>
</tbody>
</table>
| 2017-06 | NT-2500D Dewatering System | Roll-off type box with stainless steel mesh inside for dewatering maintenance activity sediments. While more of a tool than material item, maintenance requested it on NPEL for environmental requirements reasons. To be used in accordance with VDOT Waste Management & Pollution Guide, Guide 4.6 and App. 4. | Newtech, Inc.  
P.O. Box 91  
Randolph, VT 05061  
802.728.9170  
800.210.2361  
robert@newtechenviro.com  
www.newtechenviro.com  
Contact prior to use  
Justin Piccin – 804.704.1843 – Justin.piccin@  
AND  
Wansoo Kim – 804.328.3140 – wansoo.kim@ |
| 2020-67 | TopShell            | Cementitious materials for slurry/sealing asphalt pavements.                                           | TopShell, LLC  
George Walker  
P.O. Box 5022  
Austin, TX 78763  
gwalker@topshellcompanies.com  
Contact prior to use  
Sungho Kim – 804.328.3137 – sungho.kim@ |