

March 6, 2007



U.S. Department  
of Transportation

400 Seventh Street, S.W.  
Washington, D.C. 20590

**Pipeline and Hazardous  
Materials Safety Administration**

DOT-SP 11548  
(TENTH REVISION)

(FOR RENEWAL, SEE 49 CFR § 107.109)

1. GRANTEE: (See individual authorization letter)
2. PURPOSE AND LIMITATION:
  - a. This special permit authorizes the transportation in commerce of certain solid polymer catalysts classified as Class 8, Division 4.1, Division 4.2, Division 4.3, and Division 6.1 in DOT specification cylinders except specification 8 and 3HT. This special permit provides no relief from the Hazardous Materials Regulations (HMR) other than as specifically stated herein.
  - b. The safety analyses performed in development of this special permit only considered the hazards and risks associated with transportation in commerce.
  - c. Unless otherwise stated herein, this special permit consists of the special permit authorization letter issued to the grantee together with this document.
3. REGULATORY SYSTEM AFFECTED: 49 CFR Parts 106, 107 and 171-180.
4. REGULATIONS FROM WHICH EXEMPTED: 49 CFR §§ 173.187, 173.211, 173.212, and 173.213 in that a non-authorized specification packaging is authorized.
5. BASIS: This special permit is based on the application of Akzo Nobel Chemicals Inc. dated May 31, 2003, submitted in accordance with § 107.109.
6. HAZARDOUS MATERIALS (49 CFR § 172.101):  
See Attachment 1 of this special permit.

7. SAFETY CONTROL MEASURES:

- a. PACKAGING - Packagings prescribed are DOT specification cylinders except specifications 8 and 3HT.
- b. TESTING - Each cylinder must be retested and reinspected in accordance with the requirements of § 180.205 for the specification cylinder utilized.
- c. OPERATIONAL CONTROLS - Each cylinder must be shipped with a positive nitrogen or other inert gas blanket.

8. SPECIAL PROVISIONS:

- a. A person who is not a holder of this special permit who receives a package covered by this special permit may reoffer it for transportation provided no modifications or changes are made to the package and it is reoffered for transportation in conformance with this special permit and the Hazardous Materials Regulations (HMR).
- b. A current copy of this special permit must be maintained at each facility where the package is offered or reoffered for transportation.
- c. MARKING - Each cylinder must be plainly and durably marked "DOT-SP 11548" on a contrasting background.
- d. Packagings permanently marked 'DOT-E 11548', prior to October 1, 2007 may continue to be used under this special permit for the remaining service life of the packaging or until the special permit is no longer valid. Packagings marked on or after October 1, 2007 must be marked 'DOT-SP 11548'.
- e. Shipping papers displaying 'DOT-E 11548' may continue to be used until October 1, 2007, provided the special permit remains valid.

9. MODES OF TRANSPORTATION AUTHORIZED: Motor vehicle, rail freight and cargo vessel.

10. MODAL REQUIREMENTS: A current copy of this special permit must be carried aboard each cargo vessel used to transport cylinders covered by this special permit.

11. COMPLIANCE: Failure by a person to comply with any of the following may result in suspension or revocation of this special permit and penalties prescribed by the Federal

**March 6, 2007**

hazardous materials transportation law, 49 U.S.C. 5101 et seq:

- o All terms and conditions prescribed in this special permit and the Hazardous Materials Regulations, 49 CFR Parts 171-180.
- o Persons operating under the terms of this special permit must comply with the security plan requirement in Subpart I of Part 172 of the HMR, when applicable.
- o Registration required by § 107.601 et seq., when applicable.

Each "Hazmat employee", as defined in § 171.8 who performs a function subject to this special permit must receive training on the requirements and conditions of this special permit in addition to the training required by §§ 172.700 through 172.704.

No person may use or apply this special permit, including display of its number, when the special permit has expired or is otherwise no longer in effect.

Under Title VII of the Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU)- 'The Hazardous Materials Safety and Security Reauthorization Act of 2005' (Pub. L. 109-59), 119 Stat. 1144 (August 10, 2005), amended the Federal hazardous materials transportation law by changing the term 'exemption' to 'special permit' and authorizes a special permit to be granted up to two years for new special permits and up to four years for renewals.

12. REPORTING REQUIREMENTS: Shipments or operations conducted under this special permit are subject to the Hazardous Materials Incident Reporting requirements specified in 49 CFR §§ 171.15 - Immediate notice of certain hazardous materials incidents, and 171.16 - Detailed hazardous materials incident reports. In addition, the grantee(s) of this special permit must notify the Associate Administrator for Hazardous Materials Safety, in writing, of any incident involving a package, shipment or operation conducted under terms of this special permit.

Issued in Washington, D.C.:



for Bob Richard  
Deputy Associate Administrator  
for Hazardous Materials Safety

Address all inquiries to: Associate Administrator for Hazardous  
Materials Safety, Pipeline and Hazardous Materials Safety  
Administration, Department of Transportation, Washington, D.C.  
20590. Attention: PHH-31.

Copies of this special permit may be obtained by accessing the  
Hazardous Materials Safety Homepage at  
[http://hazmat.dot.gov/sp\\_app/special\\_permits/spec\\_perm\\_index.htm](http://hazmat.dot.gov/sp_app/special_permits/spec_perm_index.htm)  
Photo reproductions and legible reductions of this special permit  
are permitted. Any alteration of this special permit is  
prohibited.

PO: sln

**ATTACHMENT 1**

| <b>Hazardous materials description-<br/>- proper shipping name</b> | <b>Hazard<br/>Class/<br/>Division</b> | <b>Identi-<br/>fication<br/>Number</b> | <b>Packing<br/>Group</b> |
|--------------------------------------------------------------------|---------------------------------------|----------------------------------------|--------------------------|
| Corrosive solids, water-<br>reactive, n.o.s.                       | 8                                     | UN3096                                 | I, II                    |
| Corrosive solids, n.o.s.                                           | 8                                     | UN1759                                 | I,<br>II, III            |
| Corrosive solid, acidic,<br>inorganic, n.o.s.                      | 8                                     | UN3260                                 | I,<br>II, III            |
| Corrosive solid,<br>oxidizing, n.o.s.                              | 8                                     | UN3084                                 | I, II                    |
| Corrosive solids,<br>flammable, n.o.s.                             | 8                                     | UN2921                                 | I, II                    |
| Corrosive solid, toxic, n.o.s.                                     | 8                                     | UN2923                                 | I,<br>II, III            |
| Corrosive solid, basic,<br>inorganic, n.o.s.                       | 8                                     | UN3262                                 | I,<br>II, III            |
| Corrosive solid, basic,<br>organic, n.o.s.                         | 8                                     | UN3263                                 | I, II,<br>III            |
| Corrosive solid, acidic,<br>organic, n.o.s.                        | 8                                     | UN3261                                 | I,<br>II, III            |
| Corrosive solid, self-<br>heating, n.o.s.                          | 8                                     | UN3095                                 | I, II                    |
| Flammable solid, toxic,<br>inorganic, n.o.s.                       | 4.1                                   | UN3179                                 | II, III                  |
| Flammable solid, corrosive,<br>inorganic, n.o.s.                   | 4.1                                   | UN3180                                 | II, III                  |
| Flammable solid, organic, n.o.s.                                   | 4.1                                   | UN1325                                 | II, III                  |
| Flammable solids, toxic,<br>organic, n.o.s.                        | 4.1                                   | UN2926                                 | II, III                  |
| Flammable solid, inorganic, n.o.<br>5.                             | 4.1                                   | UN3178                                 | II, III                  |
| Flammable solid, organic,<br>molten, n.o.s.                        | 4.1                                   | UN3176                                 | II, III                  |
| Flammable solids, corrosive,<br>organic, n.o.s.                    | 4.1                                   | UN2925                                 | II, III                  |
| Pyrophoric organometallic<br>compound, water reactive, n.o.s.      | 4.2                                   | UN3203                                 | I                        |
| Pyrophoric solids,<br>organic, n.o.s.                              | 4.2                                   | UN2846                                 | I                        |
| Pyrophoric solids,<br>inorganic, n.o.s.                            | 4.2                                   | UN3200                                 | I                        |
| Self-heating solid,<br>inorganic, n.o.s.                           | 4.2                                   | UN3190                                 | II, III                  |

| Hazardous materials description-<br>- proper shipping name | Hazard<br>Class/<br>Division | Identi-<br>fication<br>Number | Packing<br>Group |
|------------------------------------------------------------|------------------------------|-------------------------------|------------------|
| Solids containing toxic liquid, n.o.s.                     | 6.1                          | UN3243                        | II               |
| Solids containing corrosive liquid, n.o.s.                 | 8                            | UN3244                        | II               |
| Solids containing flammable liquid, n.o.s.                 | 4.1                          | UN3175                        | II               |
| Toxic solid, inorganic, n.o.s.                             | 6.1                          | UN3288                        | I,<br>II, III    |
| Toxic solid, organic, n.o.s.                               | 6.1                          | UN2811                        | I,<br>II, III    |
| Toxic solid, oxidizing, n.o.s.                             | 6.1                          | UN3086                        | I, II            |
| Toxic solid, corrosive, organic, n.o. s.                   | 6.1                          | UN2928                        | I, II            |
| Toxic solids, water-reactive, organic, n.o.s.              | 6.1                          | UN3125                        | I, II            |
| Toxic solids, flammable, organic, n.o.s.                   | 6.1                          | UN2930                        | I, II            |
| Toxic solid, corrosive, inorganic, n.o.s.                  | 6.1                          | UN3290                        | I, II            |
| Toxic solid, self-heating, n.o.s.                          | 6.1                          | UN3124                        | I, II            |
| Water-reactive solid, flammable, n.o.s.                    | 4.3                          | UN3132                        | I,<br>II, III    |
| Water-reactive solid, corrosive, n.o.s.                    | 4.3                          | UN3131                        | I,<br>II, III    |
| Water-reactive solid, toxic, n.o.s.                        | 4.3                          | UN3134                        | I,<br>II, III    |
| Water-reactive solid, self-heating, n.o.s.                 | 4.3                          | UN3135                        | I,<br>II, III    |
| Water-reactive solid, n.o.s.                               | 4.3                          | UN2813                        | I,<br>II, III    |
| Water-reactive solid, oxidizing, n.o.s.                    | 4.3                          | UN3133                        | *see<br>note     |

\* Inclusion of this material constitutes an approval of packaging authorized in this exemption (See § 173.214)