

**ENVIRONMENTAL PROTECTION AGENCY**

[OPPTS-51863; FRL-5726-9]

**Certain Chemicals; Premanufacture Notices****AGENCY:** Environmental Protection Agency (EPA).**ACTION:** Notice.

**SUMMARY:** Section 5 of the Toxic Substances Control Act (TSCA) requires any person who intends to manufacture or import a new chemical to notify EPA and comply with the statutory provisions pertaining to the manufacture or import of substances not on the TSCA Inventory. Section 5 of TSCA also requires EPA to publish receipt and status information in the **Federal Register** each month reporting premanufacture notices (PMN) and test marketing exemption (TME) application requests received, both pending and expired. The information in this document contains notices received from May 1, 1997 to May 31, 1997.

**ADDRESSES:** Written comments, identified by the document control number "[OPPTS-51863]" and the specific PMN number, if appropriate, should be sent to: Document Control Office (7407), Office of Pollution Prevention and Toxics, Environmental Protection Agency, 401 M St., SW., Rm. ETG-099 Washington, DC 20460.

Comments and data may also be submitted electronically by following the instructions under SUPPLEMENTAL INFORMATION. No Confidential Business Information (CBI) should be submitted through e-mail.

**FOR FURTHER INFORMATION CONTACT:** Susan B. Hazen, Director, Environmental Assistance Division (7408), Office of Pollution Prevention and Toxics, Environmental Protection Agency, Rm. E-545, 401 M St., SW., Washington, DC, 20460, (202) 554-1404, TDD (202) 554-0551; e-mail: TSCA-Hotline@epamail.epa.gov.

**SUPPLEMENTARY INFORMATION:** Under the provisions of TSCA, EPA is required to publish notice of receipt and status reports of chemicals subject to section 5 reporting requirements. The notice requirements are provided in TSCA sections 5(d)(2) and 5(d)(3). Specifically, EPA is required to provide notice of receipt of PMNs and TME application

requests received. EPA also is required to identify those chemical submissions for which data has been received, the uses or intended uses of such chemicals, and the nature of any test data which may have been developed. Lastly, EPA is required to provide periodic status reports of all chemical substances undergoing review and receipt of notices of commencement.

The official record for this notice, as well as the public version, has been established for this notice under docket control number "[OPPTS-51863]" (including comments and data submitted electronically as described below). A public version of this record, including printed, paper versions of electronic comments, which does not include any information claimed as CBI, is available for inspection from 12 noon to 4 p.m., Monday through Friday, excluding legal holidays. The public record is located in the TSCA Nonconfidential Information Center (NCIC), Rm. NEM-B607, 401 M St., SW., Washington, DC 20460. The official record is located at the address in "ADDRESSES".

Electronic comments can be sent directly to EPA at:  
oppt.ncic@epamail.epa.gov

Electronic comments must be submitted as an ASCII file avoiding the use of special characters and any form of encryption. Comments and data will also be accepted on disks in WordPerfect in 5.1 file format or ASCII file format. All comments and data in electronic form must be identified by the docket control number [OPPTS-51863]. Electronic comments on this notice may be filed online at many Federal Depository Libraries.

In the past, EPA has published individual notices reflecting the status of section 5 filings received, pending or expired, as well as notices reflecting receipt of notices of commencement. In an effort to become more responsive to the regulated community, the users of this information and the general public, to comply with the requirements of TSCA, to conserve EPA resources, and to streamline the process and make it more timely, EPA is consolidating these separate notices into one comprehensive notice that will be issued at regular intervals.

In this notice, EPA shall provide a consolidated report in the **Federal**

**Register** reflecting the dates PMN requests were received, the projected notice end date, the manufacturer or importer identity, to the extent that such information is not claimed as confidential and chemical identity, either specific or generic depending on whether chemical identity has been claimed confidential. Additionally, in this same report, EPA shall provide a listing of receipt of new notices of commencement.

EPA believes the new format of the notice will be easier to understand by the interested public, and provides the information that is of greatest interest to the public users. Certain information provided in the earlier notices will not be provided under the new format. The status reports of substances under review, potential production volume, and summaries of health and safety data will not be provided in the new notices.

EPA is not providing production volume information in the consolidated notice since such information is generally claimed as confidential. For this reason, there is no substantive loss to the public in not publishing the data. Health and safety data are not summarized in the notice since it is recognized as impossible, given the format of this notice, as well as the previous style of notices, to provide meaningful information on the subject. In those submissions where health and safety data were received by the Agency, a footnote is included by the Manufacturer/Importer identity to indicate its existence. As stated below, interested persons may contact EPA directly to secure information on such studies.

For persons who are interested in data not included in this notice, access can be secured at EPA Headquarters in the NCIC at the address provided above. Additionally, interested parties may telephone the Document Control Office at (202) 260-1532, TDD (202) 554-0551, for generic use information, health and safety data not claimed as confidential or status reports on section 5 filings.

Send all comments to the address listed above. All comments received will be reviewed and appropriate amendments will be made as deemed necessary.

This notice will identify: (I) PMNs received; and (II) Notices of Commencement to manufacture/import.

## I. 80 Premanufacture Notices Received From: 05/01/97 to 05/31/97

Case No.	Received Date	Projected Notice End Date	Manufacturer/Importer	Use	Chemical
P-97-0626	05/01/97	07/29/97	CBI	(S) Laminating adhesive for the industrial laminates	(G) Polyurethane polymer
P-97-0627	05/01/97	07/30/97	CBI	(G) The product will be used as an additive in stain resistant coatings in fabrics and textiles.	(G) Organooxy functional polyoxyalkylene siloxane
P-97-0628	05/01/97	07/30/97	CBI	(G) The product will be used as an additive in stain resistant coatings for fabrics and textiles.	(G) Organooxy functional polyoxyalkylene siloxane
P-97-0629	05/01/97	07/30/97	CBI	(G) The product will be used as an additive in stain resistant coatings in fabrics and textiles.	(G) Organooxy functional polyoxyalkylene siloxane
P-97-0630	05/02/97	07/31/97	CBI	(G) Component of coating with open use	(G) Epoxy acid ester
P-97-0631	05/02/97	07/31/97	CBI	(S) Coupling agent for industrial coating	(G) Alkoxy silane ester
P-97-0632	05/02/97	07/31/97	CBI	(S) Coupling agent for industrial coating	(G) Alkoxy silane ester
P-97-0633	05/02/97	07/31/97	CBI	(S) Coupling agent for industrial coating	(G) Alkoxy silane ester
P-97-0634	05/02/97	07/31/97	CBI	(S) Coupling agent for industrial coating	(G) Alkoxy silane ester
P-97-0635	05/06/97	08/04/97	Shell Chemical Company	(S) Water scavenger in brake fluids	(S) Boric acid, (h3bo3), mixed ester with polyethylene glycol mono-butyl ether and polyethylene glycol mono-me ether
P-97-0636	05/06/97	08/04/97	Shell Chemical Company	(S) Water scavenger in brake fluids	(S) Poly(oxy-1,2-ethanediyl), alpha-butyl-omega-hydroxy, ester with boric acid (h3bo3)
P-97-0637	05/06/97	08/04/97	Shell Chemical Company	(S) Water scavenger in brake fluids	(S) Poly(oxy-1,2-ethanediyl), alpha-methyl-omega-hydroxy, ester with boric acid (h3bo3)
P-97-0638	05/05/97	08/03/97	CBI	(G) Sealant component	(G) Isophthalic acid, polymer with alkanepolyols, methylenebis[isocyanatobenzene], dimethyl terephthalate, an alkanepolyol derivative and alkanepolycarboxylic acids
P-97-0639	05/05/97	08/03/97	CBI	(G) Catalyst	(S) Fatty acids, C <sub>10-13</sub> , branched, zinc salts
P-97-0640	05/05/97	08/03/97	CBI	(G) Catalyst	(S) Fatty acids, C <sub>9-13</sub> , neo, zinc salt
P-97-0641	05/08/97	08/06/97	CBI	(G) Thickener for cleaning formulations that may contain acids, surfactants, abrasives, etc.	(G) Modified acrylic terpolymer
P-97-0642	05/06/97	08/04/97	Ifs Industries, Inc.	(S) Adhesives for bonding sponges; adhesives for panel assembly	(S) Polyurethane polymer (complex polymer)
P-97-0643	05/07/97	08/05/97	E. I. duPont deNemours & Company, Specialty Chemicals	(S) Additive for fibers to provide water and oil repellancy	(G) Partially fluorinated aliphatic compound
P-97-0644	05/09/97	08/07/97	E. I. duPont deNemours & Company, Specialty Chemicals	(S) Additive for fibers to provide water and oil repellency	(G) Partially fluorinated aliphatic ester
P-97-0645	05/07/97	08/05/97	Landec labs, inc.	(S) Thermoset curing agent	(G) Acrylic copolymer with imidazole
P-97-0646	05/08/97	08/06/97	CBI	(G) Coating component	(G) Polymer from methylene diphenyl diisocyanate and (polymer from hexanedioic acid 1,4 butane diol and 2,2 - dimethyl-1,3 propanediol)
P-97-0647	05/08/97	08/06/97	CBI	(G) Structural urethane plastic	(G) Polymer from methylene diphenyl diisocyanate and (polymer from hexanedioic acid 1,4 butane diol and 2,2 - dimethyl-1,3 propanediol)
P-97-0648	05/08/97	08/06/97	CBI	(S) Site limited raw material/ reactant in synthesis of an organic compound	(S) Benzeneamine, 3,5-difluoro-
P-97-0649	05/08/97	08/06/97	CBI	(S) Site limited intermediate in the synthesis of an organic compound	(S) Hydrazine carboxamide, N-(3,5-difluorophenyl-)
P-97-0650	05/12/97	08/10/97	CBI	(G) Wood coatings; paper coatings; electronics	(G) Polyether acrylate

## I. 80 Premanufacture Notices Received From: 05/01/97 to 05/31/97—Continued

Case No.	Received Date	Projected Notice End Date	Manufacturer/Importer	Use	Chemical
P-97-0651	05/12/97	08/10/97	CBI	(G) Wood coatings; paper coatings; electronics	(G) Polyether acrylate
P-97-0652	05/09/97	08/07/97	Courtaulds aerospace	(S) Polymer for sealants and adhesives	(G) Thiol terminated, poly (thioether) polyether
P-97-0653	05/09/97	08/07/97	Cerestar USA, Inc.	(S) Sequestering agent for metal ions such as iron, copper and aluminum; an ingredient of melamine resins, polyurethanes and alkyd resins, as well as a building block for surfactants; sugar-free bakery and confectionery applications	(S) D-Glucitol, 4-0-a-d-glucopyranosyl
P-97-0654	05/13/97	08/11/97	Burlington Chemical Company, Inc	(G) Dye leveler for textile dyeing	(G) Alkyl ester of aryl ethoxylate
P-97-0655	05/12/97	08/10/97	CBI	(G) Contained use: application to reactor walls in order to prevent scale deposits during polymerization process	(G) Formaldehyde-phenolic resin, sodium salt, in aqueous solution
P-97-0656	05/12/97	08/10/97	CBI	(S) Encapsulating agent	(G) Polyurea
P-97-0657	05/13/97	08/11/97	CBI	(G) Make luminiscent materials	(G) Luminiscent pigment
P-97-0658	05/12/97	08/10/97	Summit Specialty Chemicals Corporation	(G) Outdoor furniture; farm equipment; fence poles others	(G) Hydrogenated bisphenol-a based epoxy resin
P-97-0659	05/13/97	08/11/97	CBI	(G) Processing aid	(G) Salt of a mixed amidoamine
P-97-0660	05/13/97	08/11/97	CBI	(G) Processing aid	(G) Salt of a mixed amidoamines
P-97-0661	05/15/97	08/13/97	CBI	(G) Modifier for starch based products	(G) Alkyl substituted aromatic glycidyl ether
P-97-0662	05/15/97	08/13/97	3m company	(S) Battery electrolyte	(S) Ethanesulfonamide, 1,1,2,2,2-pentafluoro-N-(pentafluoroethyl)sulfonyl-, lithium salt
P-97-0663	05/15/97	08/13/97	3M Company	(S) Intermediate	(G) Fluoroalkyl derivative
P-97-0664	05/15/97	08/13/97	3M Company	(S) Intermediate	(G) Acid fluoride derivative
P-97-0665	05/15/97	08/13/97	3M Company	(S) Chemical intermediate	(G) Fluoroalkyl salt
P-97-0666	05/15/97	08/13/97	3M Company	(S) Chemical intermediate	(G) Fluoroalkyl derivative
P-97-0667	05/16/97	08/14/97	Mace Adhesives & Coatings Company, Inc.	(S) UV/EB curable coatings for plastics, metal and wood UV/EB curable adhesives	(G) Aliphatic epoxyester
P-97-0668	05/16/97	08/14/97	Mace Adhesives & Coatings Company, Inc.	(S) UV/EB curable coatings for plastics, metal and wood UV/EB curable adhesives	(G) Aliphatic epoxyester
P-97-0669	05/16/97	08/14/97	CBI	(G) Open, non-dispersive (polyester)	(G) Polyester urethane preparation
P-97-0670	05/16/97	08/14/97	Reichhold Chemicals Inc	(G) Hot melt adhesive	(G) Polyurethane adhesive
P-97-0671	05/13/97	08/11/97	Hoechst Celanese	(G) Diesel fuel dulk additive	(S) Poly(oxy-1,2-ethanediyl), alpha-hydro-omega-hydroxy-, ether with N-(2-aminomethylethyl)-1,2-propanediame N-dodecyl N,N,N,N-tetrakis (2-hydroxyethyl) derivative (4:1)
P-97-0672	05/20/97	08/14/97	H.B. Fuller Company	(S) Pressure-sensitive adhesive	(G) Acrylate-fuctionalized polyester
P-97-0673	05/20/97	08/14/97	H.B. Fuller Company	(S) Pressure-sensitive adhesive	(G) Acrylate-fuctionalized polyester
P-97-0674	05/20/97	08/14/97	H.B. Fuller Company	(S) Pressure-sensitive adhesive	(G) Acrylate-fuctionalized polyester
P-97-0675	05/20/97	08/14/97	H.B. Fuller Company	(S) Pressure-sensitive adhesive	(G) Acrylate-fuctionalized polyester
P-97-0676	05/13/97	08/11/97	CBI	(G) Polymer for industrial coatings	(S) Polymer of: safflower oil; glycerine; chlorenoic anhydride; maleic anhydride
P-97-0677	05/22/97		CBI	(G) Cocatalyst	(G) Mixed alkyl aluminoxanes
P-97-0678	05/20/97	08/18/97	The P.G. George Company	(S) Electrical insulation coating for copper wire	(G) Benzenetricarboxylic acid, polymer with ethanediol and bifunctional alkylaryl amine
P-97-0679	05/22/97	08/20/97	Dupont	(G) Intermediate; chemical conversion enclosed destructive use	(G) Halogenated sulfonyl ether
P-97-0680	05/21/97	08/19/97	CBI	(G) Urethane coating component/ elastomeric urethane	(G) Poly [oxy(methyl-1,2 ethanediyl)], alpha, hydro-omega-hydroxy-, polymer with 1,3 diisocyanato methyl benzen

## I. 80 Premanufacture Notices Received From: 05/01/97 to 05/31/97—Continued

Case No.	Received Date	Projected Notice End Date	Manufacturer/Importer	Use	Chemical
P-97-0681	05/21/97	08/19/97	CBI	(G) Coating component/ elastomeric urethane	(G) Reaction product of 2-oxepanone, polymer with 2,2 oxybis ethnol and dicyclohexane-4,4' diisocyanate and hexanedioic acid polymer with 2-ethyl-2 (hydroxymethyl)-1,3 propanediol and 1,6-hexane-diol and dicyclohexane-4,4' diisocyanate
P-97-0682	05/21/97	08/19/97	CBI	(G) Urethane coating component/ elastomeric urethane	(G) Reaction product of tetramethyl xylene diisocyanate and hesandiol acid polymer with 1,4 butane diol and 2,2 dimethyl-1,3 propendiol and polymer of tetramethyl xylene diisocyanate and polyester polyol
P-97-0683	05/23/97	08/21/97	Spies Hecker, Inc.	(S) Binder for car repair paints	(S) 1,4-cyclohexanedicarboxylic acid, polymer with 2-ethyl-2-(hydroxymethyl)-1,3-propanediol, 3-hydroxy-2-(hydroxymethyl)-2-methylpropanoic acid and 5-isocyanato-1-(isocyanatomethyl)-1,3,3-trimethylcyclohexane, 3,35-trimethyl hexanoate, compd with 2-(dimethylamino)ethanol
P-97-0684	05/22/97	08/20/97	Hoechst Celanese	(S) Polymerization catalyst	(S) Zirconium, dichloro [(dimethylsilylene) bis[(1,2,3,2a,7a-eta.)-2-methyl-4-phenyl-1 <i>h</i> -inden-1-ylidene]]-, stereoisomer
P-97-0685	05/23/97	08/21/97	CBI	(G) Lubricant additive	(G) Sodium sulfonate polymer
P-97-0686	05/22/97	08/20/97	Reichhold Chemicals	(G) Hot melt adhesive	(G) Polyurethane adhesive
P-97-0687	05/23/97	08/21/97	CBI	(S) Roof coatings	(G) Polyacrylates
P-97-0688	05/23/97	08/21/97	CBI	(G) Polymeric colorant	(G) Chromophore substituted polyoxyalkylene tint
P-97-0689	05/23/97	08/21/97	CBI	(G) Polymeric colorant	(G) Chromophore substituted polyoxyalkylene tint
P-97-0690	05/28/97	08/26/97	U.S. Polymers Inc.	(S) This resin can be used in baking enamils for can or coil coatings. it can also be used crosslinked with isocyanate enamels.	(G) Reaction product of: petroleum by products, di ethylene glycol, alphatic branched alcohol, and ali-phatic cyclic anhydrides
P-97-0691	05/28/97	08/26/97	CBI	(G) Corrosion inhibitor	(G) Polyamine
P-97-0692	05/28/97	08/26/97	CBI	(S) Site limited raw material/reactant in synthesis of an organic compound	(S) 3-pyridinecarbosylic acid, 2-acetyl-
P-97-0693	05/28/97	08/26/97	Reichhold Chemicals Inc	(G) Polyurethane hot melt reactive adhesive	(G) Polyurethane adhesive
P-97-0694	05/28/97	08/26/97	Reichhold Chemicals Inc	(G) Polyurethane hot melt reactive adhesive	(G) Polyurethane adhesive
P-97-0695	05/27/97	08/25/97	Ciba-Geigy Corpora-tion, Polymers Divi-sion	(G) Cure agent for civil engineering coatings. Cure agent for industrial and narine	(G) Aromatic epoxy resin, reaction products with polyethylene oxide, polyethylene/polypropylene oxide, 1,2-diaminocyclohexane, and 1,4-butanedioldiglycidyl ether
P-97-0696	05/27/97	08/25/97	Ciba-Geigy Corpora-tion, Polymers Divi-sion	(G) Cure agent for civil engineering coatings. Cure agent for industrial and narine	(G) Aromatic epoxy resin, reaction products with polyethylene oxide, polyethylene/polypropylene oxide, 1,2-diaminocyclohexane, and 1,4-butanedioldiglycidyl ether
P-97-0697	05/27/97	08/25/97	Ciba-Geigy Corpora-tion, Polymers Divi-sion	(G) Cure agent for civil engineering coatings. Cure agent for industrial and narine	(G) Aromatic epoxy resin, reaction products with polyethylene oxide, polyethylene/polypropylene oxide, <i>M</i> -xylylenediamine 1,2-diaminocyclohexane, and 1,4-butanedioldiglycidyl ether
P-97-0698	05/27/97	08/25/97	Ciba-Geigy Corpora-tion, Polymers Divi-sion	(G) Cure agent for civil engineering coatings. Cure agent for industrial and narine	(G) Aromatic epoxy resin, reaction products with polyethylene oxide, polyethylene/polypropylene oxide, <i>m</i> -xylylenediamine 1,2-diaminocyclohexane, and 1,4-butanedioldiglycidyl ether

## I. 80 Premanufacture Notices Received From: 05/01/97 to 05/31/97—Continued

Case No.	Received Date	Projected Notice End Date	Manufacturer/Importer	Use	Chemical
P-97-0699	05/27/97	08/25/97	Ciba-Geigy Corporation, Polymers Division	(G) Cure agent for civil engineering coatings. Cure agent for industrial and marine	(G) Aromatic epoxy resin, reaction products with polyethylene oxide, polyethylene/polypropylene oxide, <i>M</i> -xylylenediamine, 1,2-diaminocyclohexane, and 1,4-butanedioldiglycidyl ether
P-97-0700	05/28/97	08/26/97	CBI	(G) Polymeric colorant/uv screen for plastics applications	(G) Chromophore substituted polyoxyalkylene
P-97-0701	05/28/97	08/26/97	CBI	(G) Coatings and inks for graphic arts applications.	(G) Polyester acrylate
P-97-0702	05/28/97	08/26/97	Ciba Specialty Chemicals Corporation	(G) Textile dye	(G) 1:1 cu(ii)complex of: 2-(substituted-[1,3,5]triazin-2-ylamino)-5-sulfo-phenylazo]-benzylidene-hydrazino]-4-sulfo-benzoic acid A-salt
P-97-0703	05/28/97	08/26/97	Gateway Additive Company	(S) Metalworking fluids, water extendable; cutting oils; industrial lubricants	(G) Polymer ester of mono and dibasic acids
P-97-0704	05/29/97	08/27/97	CBI	(S) Curative for epoxy formulation	(G) Polyamide
P-97-0705	05/29/97	08/27/97	CBI	(G) Resin coating	(G) Acrylated urethane
P-97-0706	05/29/97	08/27/97	CBI	(S) Raw material used in the manufacture of photoresists	(G) Aromatic sulfur compound

## II. 48 NOTICES OF COMMENCEMENT RECEIVED FROM: 05/01/97 TO 05/31/97

Case No.	Received Date	Commencement/Import Date	Chemical
P-91-0424	05/28/97	05/02/97	(G) Copolymer of methyl methacrylate, ethylene glycol dimethacrylate and styrene
P-93-1218	05/09/97	10/23/97	(G) Potassium salt of mixed branched acids
P-93-1219	05/09/97	10/18/93	(G) Potassium salt of mixed branched acids
P-93-1631	04/26/97	04/25/97	(G) Azo chrominum complex dyestuff
P-94-0477	05/20/97	05/07/97	(G) Saccharide derivative
P-94-0670	05/07/97	04/21/97	(G) Aminofunctional polydimethylsiloxane
P-94-1668	05/02/97	04/11/97	(G) 2-(4-substituted-2'-hydroxyphenyl)-5-chlorobenzotriazole
P-94-2038	05/13/97	04/29/97	(G) Amine terminated polyether
P-95-0866	05/20/97	04/24/97	(G) Iron(III)-EDTA complex(ethylene dinitrile) tetraactate ferrate
P-95-1369	05/01/97	04/18/97	(G) Anionic polyacrylamide
P-95-1904	05/21/97	04/23/97	(G) Calcium alkylaryl substituted ethanoate
P-96-0063	05/22/97	11/06/97	(G) Copolymer with 2-propanoate acid
P-96-0320	05/13/97	05/06/97	(G) Halophenyl substituted triazolinone
P-96-0327	05/22/97	05/16/97	(G) Amineophenyl substituted triazolinone
P-96-0328	05/22/97	05/13/97	(G) Nitrophenyl substituted triazolinone
P-96-0572	05/20/97	05/09/97	(G) Aromatic boron complex
P-96-0674	05/08/97	04/16/97	(G) Partially fluorinated aliphatic ester
P-96-0775	05/09/97	04/29/97	(G) Modified hydrocarbon resin
P-96-0859	05/20/97	04/21/97	(G) Aliphatic polymer mixed with salt
P-96-1092	05/09/97	04/25/97	(G) Acid ester
P-96-1100	05/08/97	04/15/97	(G) Acid ester
P-96-1104	05/16/97	05/16/97	(G) Polyol resin
P-96-1288	05/28/97	05/11/97	(G) Hydrofluoroalkane
P-96-1326	05/20/97	04/24/97	(G) Silica supported magnesium-titanium catalyst
P-96-1496	05/28/97	05/19/97	(G) Silyl phosphate
P-96-1497	05/28/97	05/19/97	(G) Silyl phosphate
P-96-1500	05/28/97	05/02/97	(G) Substituted pyrone
P-96-1543	05/23/97	05/05/97	(G) Alkaryl polyoxyalkylene derivative
P-96-1568	05/13/97	05/07/97	(S) Hydrophobically modified polyurethane glycol-glycolutil copolymer
P-96-1571	05/08/97	04/09/97	(S) Hydrophobically modified polyurethane glycol-glycolutil copolymer
P-97-0053	05/09/97	04/15/97	(G) Acrylic polymer
P-97-0083	05/09/97	04/15/97	(G) Acrylic polymer
P-97-0152	05/09/97	04/15/97	(G) Fluorinated acrylic copolymer
P-97-0209	05/13/97	06/05/97	(G) Furan aldehyde
P-97-0210	05/23/97	05/15/97	(G) Carboxylic acid and ester functionalized polymer
P-97-0220	05/23/97	05/13/97	(G) Polyester resin
P-97-0221	05/23/97	05/15/97	(G) Polyester
P-97-0225	05/22/97	04/23/97	(G) Precious metal[(alkoxyalkylalkoxy)alkyl-2-mercaptopropanoate-
P-97-0242	05/23/97	05/15/97	(G) Polyurethane dispersion+
P-97-0244	05/22/97	04/23/97	(G) Polysulfide, poly[(polyhydro-alkane-cyclipolyalkyl)oxy

## II. 48 NOTICES OF COMMENCEMENT RECEIVED FROM: 05/01/97 TO 05/31/97—Continued

Case No.	Received Date	Commence- ment/Import Date	Chemical
P-97-0247	05/22/97	04/23/97	(G) Precious metal[(alkoxyalkylalkoxy)alkyl-2-mercaptopropanoato-
P-97-0248	05/22/97	04/23/97	(G) Precious metal[(alkoxyalkylalkoxy)alkyl-2-mercaptopropanoato-
P-97-0261	05/23/97	05/15/97	(G) Polyester resin
P-97-0267	05/16/97	05/16/97	(G) Polyester resin
P-97-0275	05/07/97	04/21/97	(G) Aliphatic polyurethane acrylic oligomer
P-97-0315	05/14/97	04/27/97	(G) Maleic modified glycerol mono-alcohol ester of rosin
P-97-0336	05/20/97	05/12/97	(G) Fatty acids, tall-oil, phenol modified polymer with bisphenol A, formaldehyde, maleic anhydride, rosin tall oil and pentaerythritol
Y-93-0197	05/16/97	04/17/97	(G) Thermoplastic polyurethane elastomer resin

**List of Subjects**

Environmental protection,  
Premanufacture notices.

Dated: July 18, 1997.

**Oscar Morales,**

*Acting Director, Information Management  
Division, Office of Pollution Prevention and  
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[FR Doc. 97-19670 Filed 7-24-97; 8:45 am]

BILLING CODE 6560-50-F .