

December 1, 2008

## Product Declaration – FDA Food Contact Specified Products

Dear Customer,

BASF Corporation is pleased to provide information regarding FDA on the following products:

### **Ultramid® A Nylon 6,6 Products**

The Nylon 6,6 products listed below may be used to produce articles which are intended for use in processing and handling food, and whose compositions comply with the specifications and requirements of FDA 21 CFR 177.1500 "Nylon resins". These products may not be used in contact with food containing alcohol and may only be used for repeated applications, not for single use applications such as food packaging:

Ultramid® A3EG6 uncolored  
Ultramid® A3EG7 uncolored

The Nylon 6,6 product listed below may be used to produce articles which are intended for use in processing, handling and packaging food, and whose compositions comply with the specifications and requirements of FDA 21 CFR 177.1500 "Nylon resins". This product may not be used for food contact articles that will come in contact with food containing alcohol:

Ultramid® A3K uncolored

The Nylon 6,6 products listed below may be used to produce articles which are intended for use in processing, handling and packaging food, and whose compositions comply with the specifications and requirements of FDA 21 CFR 177.1500 (a)1 and (b)1 "Nylon resins":

Ultramid® A3, Ultramid® A27E 01, Ultramid® A27 EZ01  
Ultramid® A4, Ultramid® A34 01  
Ultramid® A5, Ultramid® A44 01

### **Ultramid® B Nylon 6 Products**

The Nylon 6 products listed below may be used to produce articles which are intended for use in processing and handling food, and whose compositions comply with the specifications and requirements of FDA 21 CFR 177.1500 "Nylon resins". These products may not be used in contact with food containing alcohol and may only be used for repeated applications, not for single use applications such as food packaging:

Ultramid® B3EG10 uncolored  
Ultramid® B3EG6 uncolored  
Ultramid® B3EG7 uncolored



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The Nylon 6 products listed below may be used to produce articles which are intended for use in processing, handling and packaging food, and whose compositions meet the specifications and requirements of FDA 21 CFR 177.1500 (a)6 and (b)6.1 "Nylon resins":

Ultramid<sup>®</sup> B27 E, Ultramid<sup>®</sup> B27 E 01  
Ultramid<sup>®</sup> B3  
Ultramid<sup>®</sup> B3S uncolored, Ultramid<sup>®</sup> B3S Q661 uncolored  
Ultramid<sup>®</sup> B32, Ultramid<sup>®</sup> B32 01  
Ultramid<sup>®</sup> B33, Ultramid<sup>®</sup> B33 01, Ultramid<sup>®</sup> B33 LN 01  
Ultramid<sup>®</sup> B36, Ultramid<sup>®</sup> B36 01  
Ultramid<sup>®</sup> B40, Ultramid<sup>®</sup> B40 01, Ultramid<sup>®</sup> B40 L 01, Ultramid<sup>®</sup> B40 LN, Ultramid<sup>®</sup> B40 LN 01  
Ultramid<sup>®</sup> B50 L 01

The Nylon 6 products listed below may be used to produce articles which are intended for use in processing, handling and packaging food, and whose compositions meet the specifications and requirements of 21 CFR 177.1500(a)(6) and (b)(6.1-6.2) for "Nylon Resins":

Capron<sup>®</sup> B73MP, Capron<sup>®</sup> B73QP, Capron<sup>®</sup> B73WP, Capron<sup>®</sup> B73ZP  
Capron<sup>®</sup> B85MP, Capron<sup>®</sup> B85QP, Capron<sup>®</sup> B85ZP  
Capron<sup>®</sup> B100MP, Capron<sup>®</sup> B100QP, Capron<sup>®</sup> B100WP, Capron<sup>®</sup> B100ZP  
Capron<sup>®</sup> B135MP, Capron<sup>®</sup> B135QP, Capron<sup>®</sup> B135WP, Capron<sup>®</sup> B135ZP

### **Ultramid<sup>®</sup> C Nylon 6/66 Products**

The Nylon 6/66 products listed below comply with FDA Regulation 21 CFR 177.1500 "Nylon resins", Section (a) 4 and (b) 4.2 and should be used only for laminates complying with 21 CFR 177.1395. 21 CFR 177.1395 permits the use of Nylon 6/66 resins in laminate "structures" for use in packaging nonalcoholic foods provided the Nylon 6/66 layer is not in direct contact with the food and temperatures do not exceed 82.2°C (180°F). Laminate structures incorporating Nylon 6/66 resin may not yield more than 0.15 mg of epsilon-caprolactam per square inch when extracted with water at 82.2°C (180°F) for 5 hours. 21 CFR 177.1395 also permits the use of Nylon 6/66 resins in laminate "films" for use in food packaging nonalcoholic foods provided the Nylon 6/66 layer is not in direct contact with the food and temperatures do not exceed 100°C (212°F). Laminate films incorporating Nylon 6/66 resin may not yield more than 0.15 mg of epsilon-caprolactam per square inch when extracted with water at 100°C (212°F) for 5 hours. In addition, C33 01, C33 L01, C33 LN01, C40 01, C40 L01, C40 L, C40 LN, C40 LN01 are compliant with Food Contact Notification FCN 502 for direct food contact. Details can be provided upon request:

Ultramid<sup>®</sup> C31 01  
Ultramid<sup>®</sup> C33 01, Ultramid<sup>®</sup> C33 L01, Ultramid<sup>®</sup> C33 LN 01  
Ultramid<sup>®</sup> C40 01, Ultramid<sup>®</sup> C40 L01, Ultramid<sup>®</sup> C40 L, Ultramid<sup>®</sup> C40 LN,  
Ultramid<sup>®</sup> C40 LN 01  
Ultramid<sup>®</sup> C40 LX 01



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### **Ultraform® Acetal Products**

The products listed below may be used to produce articles which are intended for use in processing, handling and packaging food, and whose compositions comply with the specifications and requirements of the FDA regulation 21 CFR 177.2470 "Polyoxymethylene copolymer". In addition, for the colored products, the composition complies with the requirements of the FDA regulation 21 CFR 178.3297 "Colorants for polymers":

Ultraform® H2320 006 uncolored, Ultraform® H2320 006 uncolored Q600  
Ultraform® H4320 uncolored, Ultraform® H4320 uncolored Q600, Ultraform® H4320 black 120  
Ultraform® H4320 black 120 Q600  
Ultraform® N2320 003 black 120, Ultraform® N2320 003 black 120 Q600,  
Ultraform® N2320 003 uncolored, Ultraform® N2320 003 uncolored Q600  
Ultraform® N2320 003 LEV uncolored  
Ultraform® S2320 003 black 120, Ultraform® S2320 003 black 120 Q600  
Ultraform® S2320 003 uncolored, Ultraform® S2320 003 uncolored Q600  
Ultraform® W2320 003 black 120, Ultraform® W2320 003 black 120 Q600  
Ultraform® W2320 003 uncolored, Ultraform® W2320 003 uncolored Q600  
Ultraform® W2320 003 LEV uncolored  
Ultraform® Z2320 003 uncolored

### **Ultradur® Poly(tetramethylene terephthalate) Products**

The products listed below may be used to produce articles which are intended for use in processing and handling food, and whose compositions comply with the requirements of FDA 21 CFR 177.1660 "Poly(tetramethylene terephthalate)". In addition, for the colored products, the composition complies with the requirements of FDA Regulation 21 CFR 178.3297 "Colorants for polymers". Products designated with a "G" containing glass fiber, are suitable for repeated use applications only (multiple short term contact) but not intended for single use long term contact like food packaging

Ultradur B® 2550 uncolored  
Ultradur B® 4500 uncolored, Ultradur B® 4500 black 110  
Ultradur B® 4520 uncolored Q112  
Ultradur B® 6550 uncolored, Ultradur B® 6550 L uncolored, Ultradur B® 6550 LN uncolored

### **Ultrason® E Polyether Sulfone Products**

The products listed below may be used to produce articles which are intended for use in processing and handling food, and whose compositions comply with the requirements of 21 CFR 177.2440 "Polyethersulfones". These products are intended for repeated use applications (multiple contact with food) but are not intended for single use applications with long contact with food such as food packaging:

Ultrason® E 1010 uncolored  
Ultrason® E 2010 uncolored, Ultrason® E 2010 G4 uncolored, Ultrason® E 2010 G6 uncolored  
Ultrason® E 3010 uncolored  
Ultrason® E 2020P uncolored  
Ultrason® E 6020P uncolored, Ultrason® E 6020P Q691 uncolored



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### **Ultrason® S Polysulfone Products**

The products listed below may be used to produce articles which are intended for use in processing and handling food, and whose composition comply with the requirements of 21 CFR 177.1655 "Polysulfones resins". These products are suitable for repeated use applications (multiple contact with food) but are not intended for single use applications with long contact with food such as food packaging:

Ultrason® S 2010 uncolored, Ultrason® S 2010 G4 uncolored, Ultrason® S 2010 G6 uncolored  
Ultrason® S 3010 uncolored  
Ultrason® S 6010 uncolored

**Disclaimer:** As the supplier of the raw material, we cannot make any statement with regard to the molded or extruded components made from these materials since this may be process dependent. Appropriate processing conditions must be used. The suitability of these products for any specific application, including their affect on smell, taste of the food, overall migration limits, and other specific limits or tests must be determined by the producer of the final article.

This information is believed to be accurate and refers to the laws and products at the date of issue. If a change in a product is made that affects it's food contact status, this letter will be updated, however, it is the responsibility of the customer to check this list frequently or make BASF aware of the use of a product in a food contact application.

BASF makes no express or implied representations or warranties with respect to the information contained herein. This conformance document expires in case of any regulatory changes. Please request a new confirmation if needed.

Regards,

BASF Corporation

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