



January 22, 2013

The Restriction of Hazardous Substances Directive (RoHS) 2002/95/EC, restricts the use of six hazardous materials in the manufacture of electronic and electrical equipment. RoHS restricts the use of the following 6 substances:

- 1) Lead
- 2) Mercury
- 3) Cadmium
- 4) Hexavalent Chromium VI
- 5) PBB (polybrominated byphenyl)
- 6) PBDE (polybrominated diphenylether)

Compliance is the responsibility of the company which puts the product on the market, as defined in the Directive; components and sub-assemblies are not responsible for product compliance.

NatureWorks LLC hereby certifies that during the manufacture of Ingeo™ biopolymer 2003D and 4032D, we do not directly add any of the above 6 RoHS substances. These chemicals may be contained as residuals in our raw materials; however, we do not routinely analyze our raw materials or resins for the above substances. This data is based on our current level of knowledge and covers Ingeo™ biopolymer in its raw resin form. Since conditions of use are outside of NatureWorks LLC control, NatureWorks LLC makes no warranty, expressed or implied, and assumes no liability in connection with any use of this information.

Best Regards,

A handwritten signature in black ink that reads "William A. Suehr".

William A. Suehr  
COO  
NatureWorks LLC

c.c. File

Ingeo™ innovations are made uniquely from NatureWorks® biopolymer



NatureWorks LLC, 15305 Minnetonka Blvd., Minnetonka, MN 55345, USA t +1 952 742 0400 [www.natureworkslc.com](http://www.natureworkslc.com)