

## **Technical Bulletin:**

Date: April 30, 2010

### **GUARDIAN FIBERGLASS: CONFIRMS NOTA Q COMPLIANCE**

**Guardian Fiberglass, Inc. has received confirmation of Nota Q exoneration pursuant to EU Directive 97/69/EC for all fiberglass insulation/mineral wool products manufactured by Guardian, including all batts, rolls and loose-fill products. Accordingly, all Guardian fiberglass products are Nota Q compliant, and therefore “bio-soluble.”**

The International Agency for Cancer Research (IARC) in a 2001 review conducted by a panel of international scientific experts “concluded that the classification of mineral wool fibres...should be reduced...to Group 3 (not classifiable as to its carcinogenicity to humans)...” (EURISOL Health, Safety & Environmental Information)(IARC Monograph Vol 81 2002). IARC has specifically stated that there is “no evidence of increased risks of lung cancer or of mesothelioma...from occupational exposures during the manufacture of these materials, and inadequate evidence overall of any cancer risk.”

EU Directive 97/69/EC, dated December 5, 1997, provides a system, through Nota Q, for demonstrating that mineral wool fibres can be exonerated from carcinogenicity and not be classified as a hazardous substance.

Nota Q allows for exoneration by one of four methods. The four methods are: short-term biopersistence test by inhalation, short-term biopersistence test by intratracheal instillation, an appropriate intra-peritoneal test or a long term inhalation test. Guardian tested its fibers through a third-party laboratory in strict accordance with the exoneration criteria that have been established in ECB/TM/27 rev 7 short term intratracheal instillation. The results demonstrated Guardian’s fibers as bio-soluble by a significant margin in comparison to the 40-day half-life limit set by Nota Q.

#### **About Guardian:**

Guardian Fiberglass, Inc. manufactures a complete line of light density fiberglass building insulation products for the residential and commercial construction markets. Guardian Fiberglass, Inc. is a subsidiary of Guardian Building Products, Inc. (GBP), based in Greenville, SC USA. GBP is one of the largest building material distribution networks in the United States and Canada. GBP is a division of Guardian Industries Corp., based in Auburn Hills, Michigan. Guardian Industries has been in operation for over 75 years, and is known throughout the world as a diversified global manufacturing company with leading positions in float glass, fabricated glass products, fiberglass insulation and other materials for commercial, residential and automotive markets. Guardian Industries, its subsidiaries and affiliates employ over 18,000 people and operate facilities throughout North America, Europe, South America, Asia, Africa and the Middle East, and has a manufacturing presence in 25 countries. For more information on Guardian Industries or Guardian Building Products, visit [www.guardian.com](http://www.guardian.com).