



ARC INTERNATIONAL NORTH AMERICA
601 S. Wade Boulevard – P.O. Box 5001
Millville, NJ 08332-5001
Phone: (856) 825-5620

April 4, 2014

To Whom It May Concern:

Re.: G3960 16 oz Mixing Glass

Arc-International, North America manufactures soda-lime glass in its Millville facility. This is sometimes referred to as common glass or common soda-lime glass. We certify that all our made in Millville NJ production in drinkware such as tumblers, stemwares (including the Sports Pub collection.) and containers, comply in all respects of the CONEG model of legislation and to the California Proposition 65 on the level of lead content. We also certify that all of our glasses have an external scratch protective coating made of organic products. This coating may disappear with time and right after a re-firing process after decoration.

The main components of soda-lime glass are sand, soda ash and limestone, hence the name soda-lime. Lesser percentages of products are added to impart strength and workability to the glass. Finally very small adjustments are made to keep the glass color / decolonization. Different manufacturers may vary the percentages of raw materials to adjust the glass chemistry for their specific applications. Generally speaking the chemical analysis of our glass would reveal the following:

SiO₂ – Silica Oxide

Al₂O₃ – Alumina, Aluminium Oxide

Fe₂O₃ – Iron Oxide

CaO – Lime, Calcium Oxide

MgO – Magnesium Oxide

Na₂O – Sodium Monoxide

K₂O – Potassium Oxide

SO₃ – Sulfur Trioxide

TiO₂ – Titanium Dioxide

ZrO₂ – Zirconium Dioxide

There are no intentional additions of heavy metals in the batch. Further questions about our glass can be directed to my attention.

Luc Gervais
Director- Canada