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March 22, 2018

Re: **FDA and Other Drug and Food Authority Approvals for Zinc Oxide**

This is to certify zinc oxide is approved for use as an ingredient in direct contact with food as follows:

A) USFDA. This certifies that all Zinc Oxide CAS 1314-13-2 EC/EINECS 215-222-5 is listed by the USFDA as a GRAS substance (Generally Recognized As Safe) at 21CFR182.8991 and is USFDA approved for use wherever the use of a GRAS substance is authorized included: - food contact in rubber articles at 21CFR177.2600(c)(1); - food contact in plastics at 21CFR177.1010(a) and .1010(b)(1); - food contact in food can liner and coatings at 21CFR175.300(b)(2); and that all Zinc Oxide LLC's zinc oxide product grades comply with these FDA approvals.

B) EU. This certifies that zinc oxide is approved for use in the EU for food contact pursuant to listing in Annex 1 of the Commission Regulation (EU) No 10/2011, compliant with EC No. 1935/2004 regarding materials in articles intending to come into contact with food, and GMP compliant with EC 2023/2006, provided that plastic materials and articles shall not exceed the specific migration limit (SML) of 25 mg/kg as Zn.

C) Canada. This certifies that Zochem has received a Letter of No Objection for our zinc oxide for use in polymers with direct food contact at a maximum not to exceed 121 C (250 F).

D) China. This certifies that zinc oxide complies with P.R.C. law GB 9685-2008 Hygienic Standard for Uses of Additives in food containers and packaging materials and is on the MoH (Ministry of Health) Positive List for Additives, provided the ZnO impurity content does not exceed 0.01% Pb and 0.01% Cd.

E) Japan. This is to certify that zinc oxide on JHOSPA's PL (positive list) approved for food contact in plastics, provided the ZnO impurity content does not exceed 0.01% and 0.01% Cd.

Regards,

John J. Stourac

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