

Dragon, Karen E. (CDC/NIOSH/EID)

From: Ali Mohammad [mali@nanophase.com]
Sent: Friday, January 11, 2008 12:09 PM
To: NIOSH Docket Office (CDC)
Subject: 115 - NIOSH Interim Guidance Nanoparticles
Attachments: Written Response to Docket Number NIOSH-115.doc

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January 10, 2008,

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Reference; Docket Number NIOSH-115

First, we would like to acknowledge NIOSH for putting together a much needed document related to Medical Screening of nanotechnology Workers. Nanophase agrees with the general theme and philosophies present in this documents and look forward for the finalized version as it releases in near future.

However, when we reviewed the documents, we believe it is important to further clarify the statement given in Line **523** and **524** (Page 31 Appendix D). The statement is related to IARC status for Titanium Dioxide as 2B, the statement should specify that the status is currently listed as **non published monograph**, for the following reasons.

- The published monograph will require US companies to revise their Titanium Dioxide MSDSs under the Hazard Communication Standard (HCS, 29 CFR 1910.1200), which is not the case today, since it is listed on the IARC web site as having "only recently been evaluated."
- Additionally, OSHA reconfirmed for that the "90 day clock" for amending Material Safety Data Sheets (MSDS) under the Hazard Communication Standard (HCS, 29 CFR 1910.1200), which starts upon becoming "newly aware" of a change of a chemical's reclassification, **does not start until the actual publication of the complete IARC monograph**. In the case of TiO₂, the IARC monograph (No. 93) has not yet been published, nor is it anticipated that it will be published in the immediate future.
- In US, IARC's recent reclassification of TiO₂ to a Group 2B, while not requiring labeling changes, will require a change to the MSDS of materials containing TiO₂. Again, however, **the OSHA HCS does not require such a reference until after IARC publishes its final monograph**.

Sincerely,

Mohammad N. Ali
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Reference:

1. July 2006 Coatings, posted 5/31/06, (National Paints and Coating Association)
2. IARC, <http://monographs.iarc.fr/ENG/Meetings/index1.php>