

4130302, High Molecular Weight Methacrylate (HMWM) – Materials
Response to Comments from Industry Review

Duane Brautigam

Comment:

Although Material Safety Data Sheets may be required by law to be submitted with samples, I do not think it is necessary to list that requirement in our technical specifications.

Response: Agree, change has been made

Rudy Powell

Comment:

The monomer is a QPL product but what about the cumene hydroperoxide initiator and cobalt promoter. What are the requirements for acceptance?

Response: Although this and the following comments were not part of the original proposed change, I sent them to the technical experts for review and comment. Their responses are recorded.

Response (from Ivan Lasa/Mario Paredes: see email from 3/4/2009): Initiator and promoter should be directed by the monomer manufacturer. Recommend adding the following sentence :

413-3.2 Materials: The methacrylate system must be a three component system consisting of: a) methacrylate monomer, b) cumene hydroperoxide (CHP) initiator, and c) cobalt promoter. Use a HMWM monomer that is approved by the Department and included on the Department's Qualified Products List. *Use initiator and promoter approved by the monomer manufacturer.* Manufacturers seeking evaluation of their products must submit an application conforming to the requirements of Section 6.

Sub article 413-3.2.3 Sand seems to be out of place because -3.2.1 and -3.2.2 are the requirements for the monomer. So how is sand applicable?

Response (from Ivan Lasa/Mario Paredes: see email from 3/4/2009): Agree. Recommend combining all regarding requirements for the methacrylate on 413-3.2.1 The shelf life paragraph could be made part of 413-3.2.1 following the table. Then change "413-3.2.3" to "413-3.2.2" In this manner the 2 materials are separated.
