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Anderson Development Company

New Products

In the last few months, the Urethane R&D group has been busy developing some new products, which are listed below.

Andur 9-2 APFLM

This is a conventional TDI-polyester prepolymer that yields a 92A when cured with MBOCA. The potlife is 3-4 minutes with a demold time of 30 minutes.

Andur 2-62 DP

This is a conventional TDI-PTMEG prepolymer that yields a 62D when cured with MBOCA. It has a potlife of 2.5 minutes and can be demolded in

15 minutes.

Andur 94 APLF

This is a low free TDI prepolymer that yields a 95A elastomer when cured with MBOCA. It is similar to 95 APLF, only with a slightly longer potlife.

Andur 81 DP

This is a high %NCO prepolymer that yields an 80-85D rigid material when cast with MBOCA. The potlife of 2.5 minutes, is exceptionally long for this high of hardness.

Along with these materials, we have several developmental products

either being looked at by customers or internally. We strive to help customers find the right products for their applications or develop products that fit their needs.

Just let us know what those needs are!



PMA Annual Meeting & Supplier Showcase

At the 2013 Polyurethane Manufacturer's Association annual meeting and supplier showcase, Anderson Development will be presenting a technical paper on Dial-A-Durometer (DAD) systems. These are systems that use a low hardness prepolymer and a high hardness prepolymer with a

curative to achieve a broad range of hardnesses from very soft to very hard with only two products.

ADC will also be exhibiting at the supplier showcase on May 7th. The R&D team will be "manning the booth" to answer questions and hand out information on some of

our new products. Please stop by if you get the chance.

The 42nd Annual Meeting is being held in Las Vegas, NV, May 5-7, 2013.

For more info, go to www.pmahome.org

REACH MOCA Requirements & Applicability to PMA Cast Polyurethane Processor Members

On January 17, 2013, the European Chemicals Agency (“ECHA”) recommended 4,4’-Methylenebis(2-Chloroaniline)(“MOCA”) and nine other substances from the Candidate List of Substances of Very High Concern (“SVHC”) for inclusion in Annex XIV (List of Substances subject to Authorisation) of the European Union’s (“EU”) Registration, Evaluation, Authorisation and Restriction of Chemicals (“REACH”) legislation. The European Commission, in collaboration with Member States and the European Parliament, will make the final decision on the inclusion of the substances in Annex XIV. Assuming MOCA is placed on the List of Substances subject to Authorisation,

MOCA cannot be used after its sunset date by a cast polyurethane manufacturer, importer or a downstream user, or be placed on the market by a manufacturer, importer or a downstream user for a use in the EU unless an authorisation is granted for that use. However, REACH applies only to legal entities established in the EU and to Norway, Iceland, and Liechtenstein (the other Member States of the European Economic Area). And, the REACH authorisation requirements do not apply to imported articles. Therefore, Polyurethane Manufacturers Association (“PMA”) members established outside the EU may not face authorisation requirements for the cast poly-

urethane articles that they process in the United States and then export to the EU. PMA members still may have other REACH-related requirements. As legal and regulatory counsel for PMA, and with the assistance of Mike Kocak, EHS Regulatory Committee Chair, we have prepared a 25-page memorandum summarizing the issues surrounding ECHA’s listing of MOCA on the SVHC list of substances subject to authorization and suggesting steps for PMA to take in response the ECHA recommendation.

Article by Donald P. Gallo, Esq, from PMA’s Polytopics, Quarter 1–2013



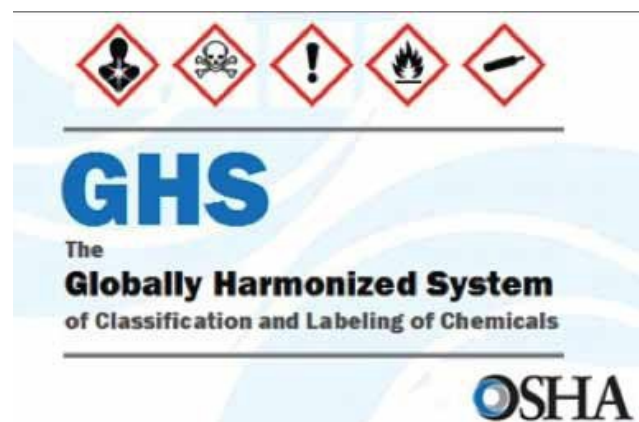
**REACH:
Registration,
Evaluation,
Authorisation
and
Restriction of
Chemicals**

Hazard Communication resources available to help employers comply with new training

Two new compliance assistance resources are available for employers to assist them in meeting the requirements of OSHA’s revised Hazard Communication Standard. A new fact sheet (<http://www.osha.gov/Publications/OSHA3642.pdf>) discusses the training topics that employers must cover for the initial Dec. 1, 2013 deadline. By this date, employers must train workers on the new label elements and safety data sheet format. In addition, a new OSHA brief (<http://www.osha.gov/Publications/OSHA3636.pdf>) explains the new labeling elements, identifies what goes on a label, and describes what pictograms are and how to use them. The brief also provides manufacturers, importers, distributors and other employers with a step-by-step guide to create a label that meets the requirements of the revised standard. The deadline for adopting the new labels and pictograms is June 1, 2015.

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Article by Mike Kocak, from PMA’s Polytopics, Quarter 1–2013



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Mission Statement

Anderson Development will be a global supplier of innovative specialty chemical products, striving for continual improvement in all of our operations. It is our goal to be personal, efficient, and responsive to our customers and employees. We will provide a team-oriented atmosphere while allowing for individual diversity among our employees.

We're on the web!
www.andersondevelopment.com

New ADC Website

Earlier this year, ADC launched a new website. The new site is easier to navigate and includes our latest news and a blog.

In the Polyurethanes section, there are links to all of our products, a document library with helpful data such as coefficient of friction and young's modulus, and calculator tools for casting, wheel deflection, etc.

Check it out!