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Mailing to all  
Synres-Almoco Customers

Member of the RASCHIG group  
ISO-9001 certified

Hoek van Holland, 15-03-2013

Re.: Diallylphthalate Moulding Compounds DAP

Dear Customer,

To this respect we have to follow RoHS (Restrictions of Hazardous Substances) and Reach (Registration, Evaluation, Authorization and restriction of Chemical substances) regulations. Derived from the Reach legislation is a candidate list SVHC (Substances of Very High Concern)

A new instrument towards possible listing under RoHS and Reach is implemented by the European Committee being Corap, which is short for Community rolling action plan. Corap is listing a great amount of materials that are to be evaluated in a 3-year period for its effect on environment and/or human health.

In our program we have a lot of different DAP-formulations and detailed information can be provided upon request for which you can contact per e-mail [a.peters@almoco.nl](mailto:a.peters@almoco.nl)

We do however appreciate to herewith pass you the following general information:

1. Diallylphthalate CAS-no 131-17-9) is indicated on the Corap List and is presently being evaluated.  
This however concerns the primary form of diallylphthalate which is **NOT** used in our moulding compounds. We do use the diallylphthalate prepolymer (CAS-no 25053-15-0) which is not listed. This prepolymer does contain an amount (<2%) of diallylphthalate, but this is captured in the crosslink of the prepolymer. Related to the full formulation of our DAP moulding compound this implies that our DAP contains between 0,4 to 0,6% diallylphthalate, but, again, fully captured in the crosslink of our compound.

2. Our Diallylphthalate moulding compound is widely used because of its recognized flame retardant properties. This flame retardant is reached through the use of antimony trioxide (CAS no 1309-64-4) which by existing legislation is "suspected to be carcinogenic to humans". Because of this we have to label our DAP with a warning to this respect, which we have implemented as of 01-01-2013.

We do however appreciate following remarks about the antimony trioxide:

- Suspicion is related to the use in its pure form and is therefore a concern of Synres-Almoco to protect our employees against the inhalation of this material in the form of its dust. These precautions are of course installed and taken seriously.
- In the moulding compound as we supply to our customers the antimony is captured in the crosslink and is hardly subject of being released in the form of pure antimony dust, when used in your mould shop.
- Also our DAP moulding compound is a material containing a very limited amount of dust and you should therefore always use dust protection for your employees, irrespective of the earlier remarks about the antimony.

We appreciate to assure our customers that we are still legally allowed, and from a company policy standpoint very much willing, to produce and market our DAP moulding compounds and as stipulated earlier in this letter in case you need any further detailed information about the exact grade you are buying from us, please do not hesitate to contact us again.

Finally we appreciate to inform you that, despite the fact that it is legally allowed to continue delivery of our present program of DAP products, we have been preparing for a "greener" future and have developed a new generation of DAP that does offer you the same characteristics, but have no longer raw materials in the formulation that are either today "suspected" or "subjected to further evaluation", nor are raw materials in this formulation that might become suspected, to the best of our todays knowledge .

Should you be interested in this new developed DAP you are cordially invited to contact us for further information, a Datasheet, or even sample for your evaluation.

We remain at your disposal for now and hopefully many more years to come.

Sincerely yours  
Synres-Almoco BV

Gerard P.G. Rolvers  
Managing Director