

May 24, 2010

Dear Customer,

In the past few months many new questions have come up regarding the European Union (EU) directive, REACH. This directive is in addition to and separate from RoHS. REACH stands for, Registration, Evaluation, Authorization and Restriction of Chemicals. Under this directive, chemicals being imported into Europe at 1 ton per year or more will need to be registered through the European Chemical Agency (ECHA). During the period between June 1, 2008 and December 1, 2008 importers had an opportunity to pre-register chemicals which will allow the EU to collect data. From this data a Candidate List of Substances of Very High Concern (SVHC) were selected for Authorization. Substances that appear on the Authorization List can, after a transition period only be used if a specific authorization is granted. There are currently 30 substances on the Candidate list. This includes the addition of Acrylamide added by ECHA/PR/10/05 on 3/30/2010. *There is currently no list of restricted chemicals under REACH.*

On March 8, 2010 the European Chemicals Agency (ECHA) published a proposal to identify eight new chemicals as SVHC and possible candidates for authorization.

Please see Appendix A for a list of the 30 listed Chemicals on the Candidate List for Authorization as of Mar 2010 and the list of 8 (SVHC) published Mar 2010.

Isola does not sell chemicals, as defined by REACH, to our customers. According to the REACH directive Section 3, no 3, Isola's laminates and pre-preg - as sold to our customers, are considered articles that do not require registration. REACH Section 3, no 3 defines a product Article as a product which during the fabrication process obtains a specific form, surface, or build which is more important to the customer application (Multi-Layer production process) than the chemical structure for this function.

Isola further certifies that to the best of its knowledge none of its products contain any of the 30 substances on the Candidate List nor the 8 new Substances of Very High Concern (New Press Release ECHA/PR/10/03, March 8th 2010) at a concentration  $\geq 0.1\%$  (w/w).

Isola believes it has no requirement to register or pre-register any of our products as sold to our customers, in accordance with REACH. Isola is committed to ensuring environmental compliance globally and will continue to stay informed of changes to the REACH directive and comply as necessary.

More information about REACH can be found on the ECHA website, including a guidance document on articles: <http://ec.europa.eu/echa>

Sincerely,



Tarun Amla  
Vice President and Chief Technology Officer  
Isola Group

## APPENDIX A

### REACH CANDIDATE LIST FOR AUTHORISATION MAR 2010

Substance Name	EC Number
2,4-Dinitrotoluene	204-450-0
4,4'- Diaminodiphenylmethane (MDA)	202-974-4
5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	201-329-4
Acrylamide	201-173-7
Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	287-476-5
Aluminosilicate Refractory Ceramic Fibres	
Anthracene	204-371-1
Anthracene oil	292-602-7
Anthracene oil, anthracene paste	292-603-2
Anthracene oil, anthracene paste, anthracene fraction	295-275-9
Anthracene oil, anthracene paste, distn. lights	295-278-5
Anthracene oil, anthracene-low	292-604-8
Benzyl butyl phthalate (BBP)	201-622-7
Bis (2-ethylhexyl)phthalate (DEHP)	204-211-0
Bis(tributyltin)oxide (TBTO)	200-268-0
Cobalt dichloride	231-589-4
Diarsenic pentaoxide	215-116-9
Diarsenic trioxide	215-481-4
Dibutyl phthalate (DBP)	201-557-4
Diisobutyl phthalate	201-553-2
Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified:	247-148-4
Alpha-hexabromocyclododecane	and 221-695-9
Beta-hexabromocyclododecane	
Gamma-hexabromocyclododecane	
Lead chromate	231-846-0
Lead chromate molybdate sulphate red (C.I. Pigment Red 104)	235-759-9
Lead hydrogen arsenate	232-064-2
Lead sulfochromate yellow (C.I. Pigment Yellow 34)	215-693-7
Pitch, coal tar, high temp.	266-028-2
Sodium dichromate	234-190-3
Triethyl arsenate	427-700-2
Zirconia Aluminosilicate Refractory Ceramic Fibres	

### REACH LIST OF 8 SVHC SUBSTANCES MAR 2010

Substance Name	CAS Number
Trichloroethylene	201-167-4
Boric acid	233-139-2
	and 234-343-4
Disodium tetraborate, anhydrous	215-540-4
Tetraboron disodium heptaoxide, hydrate	235-541-3
Sodium chromate	231-889-5
Potassium chromate	232-140-5
Ammonium dichromate	232-143-1
Potassium dichromate	231-906-6