

FACT SHEET

HEALTH AND SAFETY IN EUROPE & REACH



H&S in Europe & REACH...

...all you need to know and how this will affect you

REACH places greater responsibility on industry to identify and manage the risks posed by chemicals to human health and the environment. Under this new legislation, both manufacturers/importers and downstream users have obligations to communicate uses and risks up and down the supply chain.

- Morgan Thermal Ceramics has registered the Superwool® fibres we manufacture and import into the EU as substances
- Morgan Thermal Ceramics is committed to meeting our legal obligations under REACH, as a manufacturer, supplier and downstream user
- All products imported or manufactured within the EU by Morgan Thermal Ceramics that meet the criteria for registration under REACH have been registered. This enables us to ensure that supply to customers is unaffected by the implementation of REACH
- Morgan Thermal Ceramics is also continuing to work closely with suppliers to ensure that the REACH process continues as smoothly as possible. We are communicating with suppliers to ensure that both our and our customers' uses are included in their registration documents



What is REACH? Registration, Evaluation, Authorisation and Restriction of Chemicals

REACH is the new chemical legislation within the EU. It applies to the manufacture and import of all chemical substances that are placed on the market in quantities greater than 1 Tonne per year. It came into force on 1st June 2007 and replaces a number of European directives and regulations with a single system. Further information on REACH can be found on the European Chemicals Agency (ECHA) website http://echa.europa.eu/home_en.asp

We are also working with our suppliers to ensure that our raw materials are registered correctly to ensure continued supply of our other product ranges, including Tri-mor, monolithic refractories and insulating firebricks.

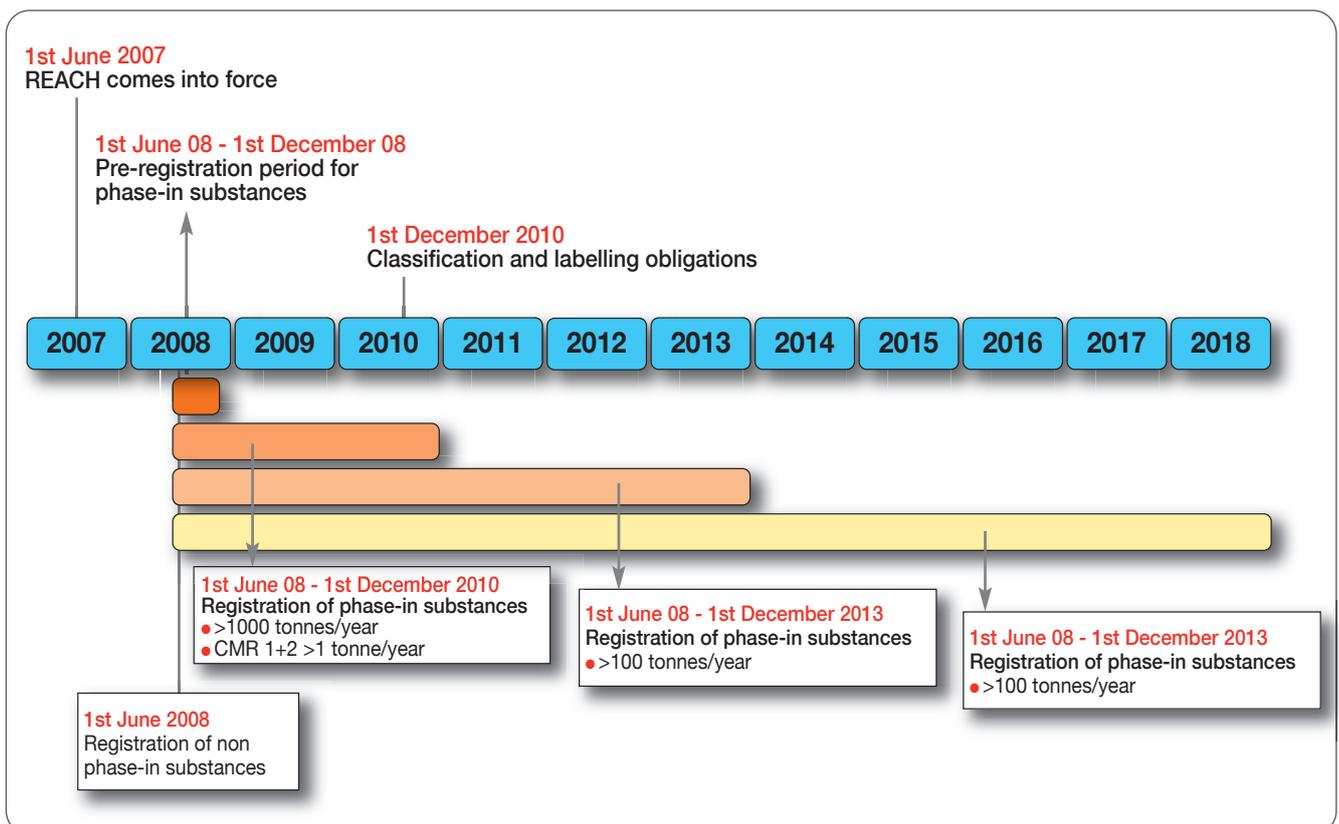
What is the REACH process?

REACH places greater responsibility on industry to identify and manage the risks posed by chemicals to human health and the environment. Under this new legislation, both manufacturers/importers and downstream users have obligations to communicate uses and risks up and down the supply chain.

Step 1

Pre-registration was the first step in the process which ran from 1st June 2008 until 30th November 2008 and allowed manufacturers/importers of substances already on the market within the EU to continue to supply after 1st June 2008 and benefit from extended deadlines for registration dossier submission.

The deadlines for submission vary according to tonnage manufactured/imported and also the hazard classification for the substance, as detailed in this diagram.





Step 2

Morgan Thermal Ceramics has now completed the second stage of the REACH process for all types of fibres including RCF and AES, registration dossiers were submitted and accepted before the 30th November 2010 deadline and registration numbers are now included on all updated MSDS.

CLP Regulations

Under the new CLP regulations AES products remain non-hazardous.

REACH



Superwool[®] Plus[™]

Insulating fibre

Features

Benefits

An engineered solution (unique)

Takes insulation beyond normal performance

Patented technology

Proven chemical formulation

Exonerated from Carcinogen classification under Nota Q of European Directive 67/548

Restrictions on use do not apply. No special requirements for dust control, supply to the general public or waste disposal

Lower thermal conductivity

Improves insulation by 20%

Up to 30% more fibres

Efficient prevention of heat transfer and greater strength

Less shot

Cleaner workplace

High Fibre Index

Up to 20% reduction in thermal conductivity giving energy saving

Stronger with good handleability (no tearing)

Ease of installation saving time and waste

Improved handling

Operator satisfaction

Soft & smooth feel

Less mechanical skin irritation

Consistent use of pure raw materials

Higher classification temperature, low shrinkage and consistent quality

Lower density grade for the same result

Material weight savings up to 25%

Thinner lining for the same result

Create more working space within unit

Resistant to vibration

Allows long lifetime under vibration conditions where other products fail

An environmental solution

Potential savings on waste disposal

Worldwide production

Availability



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For more information on our products, please refer to the Technical Datasheet Section and the MSDS Information Section on our website www.morganthermalceramics.com

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SUPERWOOL® is a patented technology for high temperature insulation wools which have been developed to have a low bio persistence (information upon request). This product may be covered by one or more of the following patents, or their foreign equivalents:

SUPERWOOL® PLUS™ products are covered by patent numbers:
US5714421, US5994247, US6180546, US7259118, and EP0621858.

SUPERWOOL® 607HT™ products are covered by patent numbers:
US5955389, US6180546, US7259118, US7470641, US7651965, US7875566, EP0710628, EP1544177, and EP1725503

A list of foreign patent numbers is available upon request to The Morgan Crucible Company plc.

For all enquiries please contact: marketing.tc@morganplc.com

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This document is an extract from Morgan Thermal Ceramics Superwool Plus Insulating Fibre Technical Manual. Copyright © 09.05.11