ICCA Activities to Improve the availability of information

Sound Chemicals Management as Global Responsibility

Melanie Bausen (BASF SE)
ICCA Chemical Policy and Health Leadership Group
At ICCM-1 (Dubai, 2006) ICCA introduced two voluntary initiatives,

- **Responsible Care Global Charter (RCGC)** and
- **Global Product Strategy (GPS)**

To improve sound management of chemicals globally

All major chemical companies accepted the obligation to put GPS into practice

External review process through ICCM’s (2009 / 2012 / 2015 / 2018)
Global Product Strategy – Tools for Success

- **Promote knowledge and skills transfer**: Training Workshops, Guidance materials, GPS Network of experts
- **Improve the availability of information**: Base Set of Information, GPS Safety Summary, Web-based IT-Portal
- **Increase awareness on chemical management**: ICCA Principles for Chemical Management Systems
- **Research on existing and emerging issues**: ICCA Long Range Research Initiative (LRI)
Improve the availability of information

- A **Base set of information** is gathered for chemicals placed on the market. Relevant information for risk assessment will be made available to minimize unnecessary animal testing.

- Furthermore, to promote greater transparency, companies will provide information about marketed substances, in an easily understandable format (**GPS Safety Summary**)

- **Web-based IT-Portal** to make relevant information collected under GPS publicly available. All interested stakeholders will have open access to this portal.
Accessible to all stakeholders but provides secure upload functions for ICCA members only.

Companies initially provided >1400 Safety Summaries. More to be available e.g. within 1 year after the respective REACH Tier deadline.

The official public launch took place on 4th October 2010.

Public In Focus: Improve access to information
GPS IT Portal - Structure

Chemical Information Search

To promote greater transparency, the chemical industry will share information about marketed substances with interested stakeholders. This portal is intended to offer public access to relevant information on chemicals.

Search substances (Search by one of the options below)

- Chemical Name: e.g. Oxirane
- Chemical CAS Number: e.g. 75-21-8
- Chemical EIHECS Number: e.g. 200-849-9
- Synonym: e.g. Ethylene Oxide
- Brand/Product Name (optional): e.g. DOW™ EO
- Product Category (optional): e.g. Washing and Cleaning
- Organisation or Company Name (optional): e.g. BASF or Dow

Choose any Search and press Submit

GPS IT Portal - Structure

Chemicals Policy and Health (CP&H)


Open to all (layman and technical language)
BASF Product Finder – Global Access to Information

Open to all (layman language)

http://www.basf.com/group/corporate/en/Product-finder/index
BASF Product Finder – Global Access to Information

http://www.basf.com/group/corporate/en/Product-finder/index
Acrodur®— “Ecotechnology by BASF”

Acrodur is an innovative alternative to conventional formaldehyde-based reactive resins such as phenol-formaldehyde- or urea-formaldehyde resins. In certain applications however, it is also an alternative to epoxy- or polyurethane based binders. It is an ecofriendly water-based acrylic resin with excellent bonding performance, completely formaldehyde-free and free of potentially hazardous crosslinker-chemistry.

Where Acrodur® is used?

Acrodur is a versatile bonding technology that can be used in a variety of applications and with different types of substrates. It is perfectly suited to deliver high performance solutions in combination with Natural Fibers or particles such as wood fibers, bast fibers or cork, examples including the award-winning BMW 7 Series door panel composite. Acrodur also delivers superior performance in combination with glass or synthetic fibers (e.g. carbon nonwovens for flooring products).

Why you should use Acrodur®?

Acrodur is one of the lowest emitting binders known. It is free of formaldehyde – a reactive system with only water as by-product of crosslinking. It is a non-toxic and non-explosive one-component solution, allowing safe and easy processing. It is b-stageable, i.e. a dry intermediate can be produced which in a next curing step can be shaped and finally cured.

Advantage Acrodur®

Whenever a bonding technology is required that delivers the cleanest and safest duroplastic binder power possible, Acrodur is likely to be the binder of choice. It works well with a wide variety of fibers (glass, polyethylene, polyamide, wood, hemp, sisal,...) and produces highly durable results with excellent chemical resistance and biostability.

In combination with natural fibers, state-of-the-art lightweight composites can be achieved – using conventional machinery.
Ethylene urea

Ethylene urea is a cyclic urea which is mainly used as formaldehyde scavenger or chemical intermediate. Besides applications in the textile industry, use in the construction and coatings segment is known.

Further information in our Internet
¢ Ethylene Urea (Europe)

Contact
email: ¢ intermediates-info@basf.com (Global)

In what applications is ethylene urea used?
Ethylene urea serves mainly as a formaldehyde scavenger and chemical building block. Apart from the textile industry it is used in construction and coatings industry applications.

In what form does BASF supply ethylene urea?
Ethylene urea in solid form from BASF is available worldwide as an hydrate in bags (25kg), at 87-90% assay. The product is also available as a 30% aqueous solution.
Ethylene urea

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Further information in our Internet

Ethylene Urea (Europe)

Contact

email: intermediates-info@basf.com (Global)
BASF Textiles – Global Access to Information

Welcome to Textile Chemicals - Putting *FUTURE into Textiles

For over 100 years, BASF has been the partner of choice for the textile industry – offering textile chemicals and solutions in all essential textile processing steps. Working together with partners along the textile value chain, we are constantly developing sustainable solutions for the future.

**Consumer safety, resource saving and climate protection** with regulatory standards becoming stricter and public awareness growing, we find it important to concentrate even more on these areas to be ready for future challenges. This is our commitment to **Putting *FUTURE into Textiles**.
BASF Textiles – Global Access to Information

Standard lists and certificates

Product Stewardship

Competent partner for the textile industry

BASF Textile Chemicals supports customers and partners in:
- Meeting the criteria of labels and prohibited substances lists
- Meeting the national regulations, national and international voluntary agreements
- Performing eco-efficient processes with lowest environmental impact
- Conducting training programs on our products concerning ecology and eco-efficiency

BASF Textiles – Global Access to Information

CONFIRMATION

Garment and Textiles Products intended for H&M Hennes & Mauritz AB

We confirm that the BASF Performance Chemicals for Textiles listed in the Annex “the Chemicals” can be used for the processing of textiles that meet the requirements of H&M Hennes & Mauritz “H & M Chemical Restrictions" December 2009, either for
- adults
- childrenwear or babywear,
depending on description.

Please note that the Annex indicates which of the products have restricted suitability (e.g. adults, children or babywear).

The abovementioned confirmation is given provided that the chemicals are applied in accordance with BASF recommendations and/or industry standards for chemical applications throughout the textile industry. Processors’ particular attention is drawn to the notes which appear at the end of the Annex. For further details or information please contact our sales team.
### BASF Textiles – Global Access to Information

<table>
<thead>
<tr>
<th>Product</th>
<th>Product application</th>
<th>Evaluation Oeko-Tex Standard 100</th>
<th>Version 08. July 2010</th>
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</thead>
<tbody>
<tr>
<td>Dekoff® SN Super Conc.</td>
<td>Dyeing auxiliaries</td>
<td>Suitable for garment or textile products without restrictions. (4)</td>
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<tr>
<td>Dekoff® SNS</td>
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<td>Dekoff® SN-S</td>
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<td>Denim PC</td>
<td>Spinning-Sizing agents</td>
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<td>Ekolin Easy Care</td>
<td>Finishing agents</td>
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<td>Eulysin® DBC</td>
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<tr>
<td>Eulysin® PC</td>
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<td>Fixapret® AB-8</td>
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<td>Fixapret® AB-9</td>
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<td>Fixapret® AP</td>
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<td>Fixapret® CL</td>
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<td>Fixapret® CM</td>
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<td>Fixapret® CP Concentrate</td>
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<td>Fixapret® CPF</td>
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<td>Fixapret® ECL</td>
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<td>Fixapret® ECO</td>
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<td>Fixapret® F-AMC</td>
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<td>Fixapret® F-AP</td>
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<tr>
<td>Fixapret® F-CL</td>
<td>Finishing agents</td>
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<td>Fixapret® F-ECO</td>
<td>Finishing agents</td>
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<td>Fixapret® F-ECO Plus</td>
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<td>Fixapret® PC</td>
<td>Finishing agents</td>
<td>Suitable for products for children above 3 years (e.g. 104-170 cl) and products for adults (1)</td>
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<td>Fixapret® Resin LT</td>
<td>Finishing agents</td>
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<tr>
<td>Glyezin® A</td>
<td>Auxiliary for Textile Prints</td>
<td>Suitable for garment or textile products without restrictions. (4)</td>
<td></td>
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</tbody>
</table>
BASF Textiles – Global Access to Information

Standard lists and certificates

Product Stewardship

Competent partner for the textile industry

BASF Textile Chemicals supports customers and partners in:

- Meeting the criteria of labels and prohibited substances lists
- Meeting the national regulations, national and international voluntary agreements
- Performing eco-efficient processes with lowest environmental impact
- Conducting training programs on our products concerning ecology and eco-efficiency

Standard lists and certificates (Adobe® pdf format)

- Hennes & Mauritz AB
- Levi Strauss & Co.
- Marks & Spencer
- s.Oliver Group
- European Union Eco-Label for textile products
  - Global Organic Textile Standard – GOTS (certified by IMO)
  - Oeko-Tex Standard 100 (en) – Oeko – 纺织品标准100 (cn)
- REACH - certificate

BASF Textiles – Global Access to Information

CONFIRMATION

The EU eco-label on Clothing, bed linen and indoor textiles

We herewith confirm that the BASF Performance Chemicals for Textiles listed in the Annex can be used for textiles (either for products that come in direct contact with the skin or other products, depending on the description) meeting the requirements of the European Union Eco-Label to textile products (Commission Decision of 9 July 2009 (2009/567/EC:). The abovementioned confirmation is given provided that the chemicals are applied in accordance with BASF recommendations and/or industry standards for chemical applications throughout the textile industry. Processors’ particular attention is drawn to the notes which appear at the end of the Annex. For further details or information please contact our sales team.
<table>
<thead>
<tr>
<th>Product</th>
<th>Product Application</th>
<th>Evaluation EU-Ecolabel Textile version</th>
<th>Version 19, July 2010</th>
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<tbody>
<tr>
<td>Glyezin® BC</td>
<td>Auxiliary for Textile Prints</td>
<td>Suitable without restriction. (1)</td>
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<tr>
<td>Helizarin® Binder ET 95</td>
<td>Auxiliary for Textile Prints</td>
<td>Suitable for products with no direct contact with skin. Suitable for products with no direct contact with skin, children wear and baby wear with precautionary measures. (2)</td>
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<tr>
<td>Helizarin® Binder FWT Conc.</td>
<td>Finishing agents</td>
<td>Suitable for products with no direct contact with skin. (3)</td>
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<tr>
<td>Helizarin® Binder TOW</td>
<td>Auxiliary for Textile Prints</td>
<td>Suitable for products with no direct contact with skin. Suitable for products with no direct contact with skin, children wear and baby wear with precautionary measures. (2)</td>
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<tr>
<td>Helizarin® Binder TX 4738</td>
<td>Auxiliary for Textile Prints</td>
<td>Suitable without restriction. (1)</td>
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<tr>
<td>Helizarin® Black HDT</td>
<td>Pigment preparations</td>
<td>Suitable for garment or textile products without restrictions. Do not blend with C.I. Pigment Orange 13 or C.I. Pigment Orange 34. (5)</td>
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<tr>
<td>Helizarin® Black Special ECO</td>
<td>Pigment preparations</td>
<td>Suitable for garment or textile products without restrictions. Do not blend with C.I. Pigment Orange 13 or C.I. Pigment Orange 34. (5)</td>
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<tr>
<td>Helizarin® Black TT</td>
<td>Pigment preparations</td>
<td>Suitable for garment or textile products without restrictions. Do not blend with C.I. Pigment Orange 13 or C.I. Pigment Orange 34. (5)</td>
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<tr>
<td>Helizarin® Blue BGT Conc.</td>
<td>Pigment preparations</td>
<td>Suitable without restriction. (1)</td>
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<tr>
<td>Helizarin® Blue BT Conc.</td>
<td>Pigment preparations</td>
<td>Suitable without restriction. (1)</td>
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<td>Helizarin® Blue ECO</td>
<td>Pigment preparations</td>
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