



Excellent System A/S
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Århus den 20. juni 2002
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**Statement concerning gasses released from
Excellent System's ramps and tiles in the event of fire.**

Excellent's tile system is produced from linear low density polyethylene (LLDPE), e.g. Flexirene MT 50 from Polymeri Europa.

The principal ingredient of LLDPE is ethylene. In addition to this there are smaller amounts of additives such as colour pigments, slip/release agents and stabilisers.

In the event of fire, LLDPE will burn in almost exactly the same way as a paraffin candle. Complete combustion results in the formation of carbon dioxide and water. When heated to temperatures far in excess of normal, LLDPE will, at about 300°C, start decomposing into primarily hydrocarbons, which are not decidedly toxic or aggressive.

It is therefore possible to conclude that gasses and combustion products from LLDPE can be viewed as being harmless and neutral as regards the environment.

Kind regards,
Product Development

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