

Household Electrical Appliances

JA2015 Launch Event

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Brussels

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Participants

- Bulgaria
- Czech Republic
- Germany
- Malta
- Portugal
- Slovakia
- Cyprus
- Finland
- Latvia
- The Netherlands
- Sweden

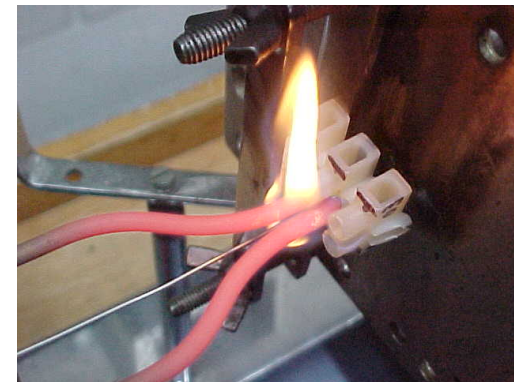
Selection of electrical products

- Household electrical appliances are being addressed as a product group. This will entail a priority-setting exercise for future Joint Actions.
- Products of interest: Blenders, mixers, irons and small kitchen heating appliances such as toasters
- Products deemed to be covered by the Joint Action are present in more than 80% of European households.



Scope of problem

- In spite of the large diffusion of these appliances and the good overall safety level they have achieved, it is considered that there are still significant number of potentially unsafe products.
- More than 10 RAPEX notifications in the last three years.





Scope of problem



Main Hazards with household electrical appliances:

- Poor internal wiring/connections main hazards
- Burns from accessible hot surfaces touched during normal operation (toasters and irons)
- Cuts from accessible moving parts (blenders and mixers)
- Burns from high temperatures of parts that may be touched by the user during normal operation (toasters and irons),



Scope of problem



Main Hazards with household electrical appliances:

- Break up during normal operation (mixer blades)
- Insufficient flame retardants in plastics resulting in a fire hazard
- Electric shock from lack of earthing for accessible conductive parts
- Electric shock from reduced internal creepage and clearance distances
- Electrocution and fire from dangerous fitted plug

How is safety delivered today?

- Low Voltage Directive (2014/35/EU - NLF Alignment)
- Harmonised standard EN 60335 series: Safety of household electrical appliances
 - EN 60335-1 General requirements
 - EN 60335-2-9 Portable cooking appliances
 - EN 60335-2-14 Kitchen machines
 - EN 60335-2-30 Room heaters

Objectives

- To ensure that the products are safe in use
- To ensure that instructions for use, technical files and declaration of conformity documents are adequate
- To continue to support harmonisation of market surveillance across the EEA within this product sector
- Draw up a Priority List for future Joint Actions

Sampling and testing

- We anticipate the testing of 100 appliances (including products sold online as appropriate)
- Gain experience with the safety requirements contained in the relevant standards
- Support the definition and checking of test methods, adequacy of tests, thereby facilitating the development of testing by accredited testing laboratories
- Coordinate with stakeholders, including CEN and CENELEC



Other points to note

- The JA will build on progress made in recent years of closer co-operation of Customs
- Continued co-operation between PROSAFE and TAXUD
- Results fed into PROSAFE's Joint Actions on China
- Possibility of RAPEX notifications
- To provide a focus for coordination with relevant initiatives and outreach to jurisdictions outside of Europe
- Communications strategy and stakeholder outreach

Next Steps

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