



Ericsson Materials Declarations



Contents

- What is a materials declaration?
- Why does Ericsson need materials declarations?
- Why a web interface and a database?
- How does it work?
- What must be declared?
- How is the information used?
- How is the information handled?
- Supplier support and more information

What is a materials declaration?

- A materials declaration is a detailed description of a product's material and constituent content

Material: What does the product/part consist of?

Constituent: What does the material consist of?

Manufacturer	Product	Materials Declaration	Questioner	Summary
--------------	---------	-----------------------	------------	---------

Materials declaration summary

Manufacturer name / id KJALÖ /	Declaration approval date ---
Scope of declaration Product declaration	

Materials declaration

No	Part name	Material name	Material wgt (g)	Constituent name	Constituent wgt (% by w.)
1	INSULATION	Ethylene/vinylacetate (E/VAC)	1.5	Antimony (Sb)	20.0
				Other substances 1	80.0
2	CONDUCTOR	Copper	0.5	Copper (Cu)	100.0
Sum:			2.0		

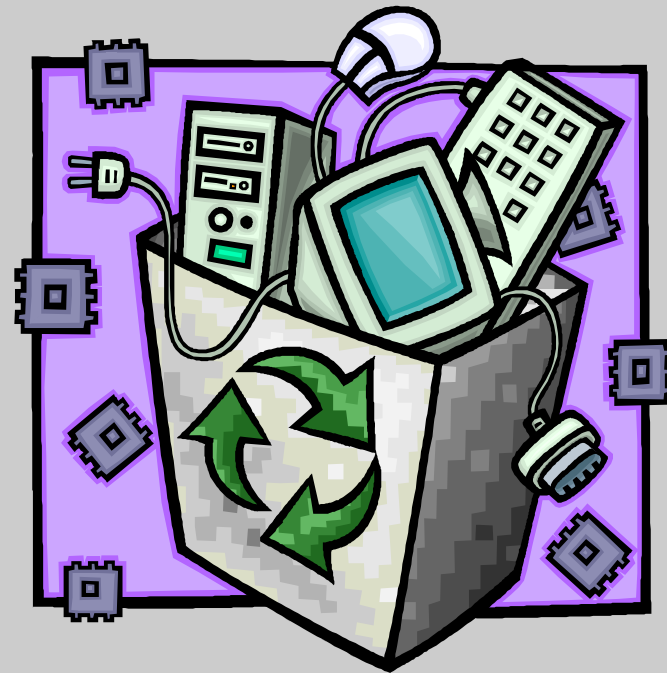
Declaration status: **In progress** Declaration by: **Monika Dellrud**
 Accuracy class: ---

Products included in this declaration

Ericsson prod no	R-state	Manufacturer designation	Prod. wgt (g)
ABC 103 55/1	R1A		2.0
ABC 103 55	R1A		2.0

Why does Ericsson need materials declarations?

- Laws and regulations
 - Restricted substances
 - Producer responsibility
- Customer demand
- Market information
- Design for environment
 - Environmental performance
 - End of Life Treatment



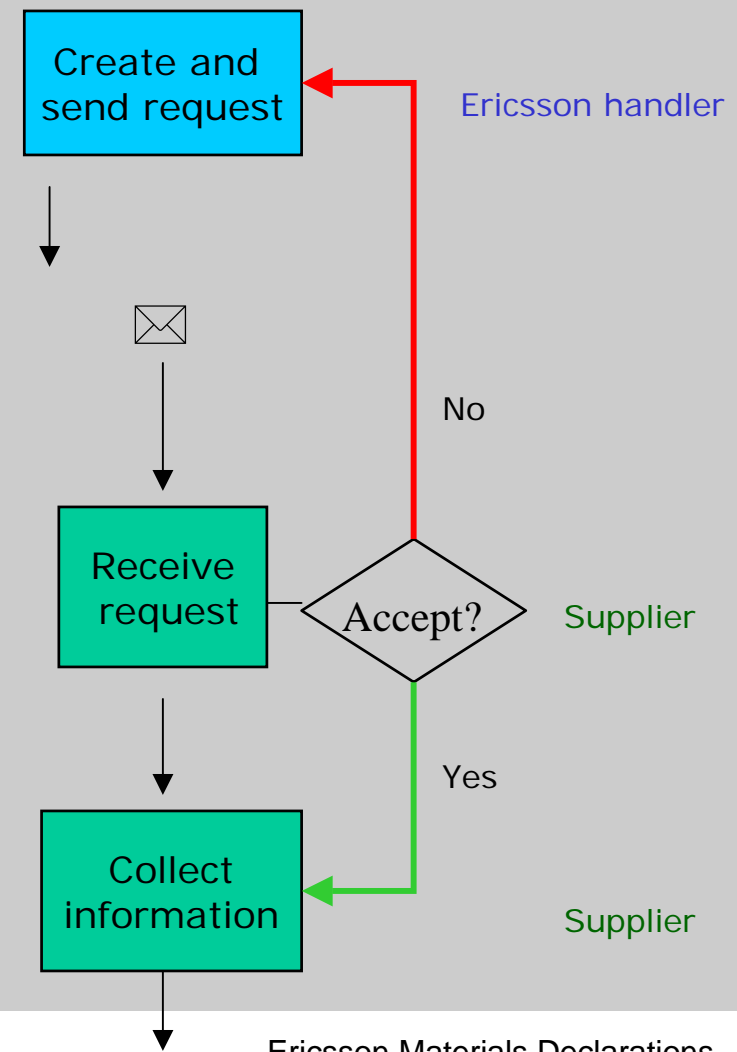
Why a web interface and database?

- Corporate system for handling materials declarations
- Minimize double work → save time and money for Ericsson and suppliers
- Facilitate communication
- Generate reports
- Easy access to materials information



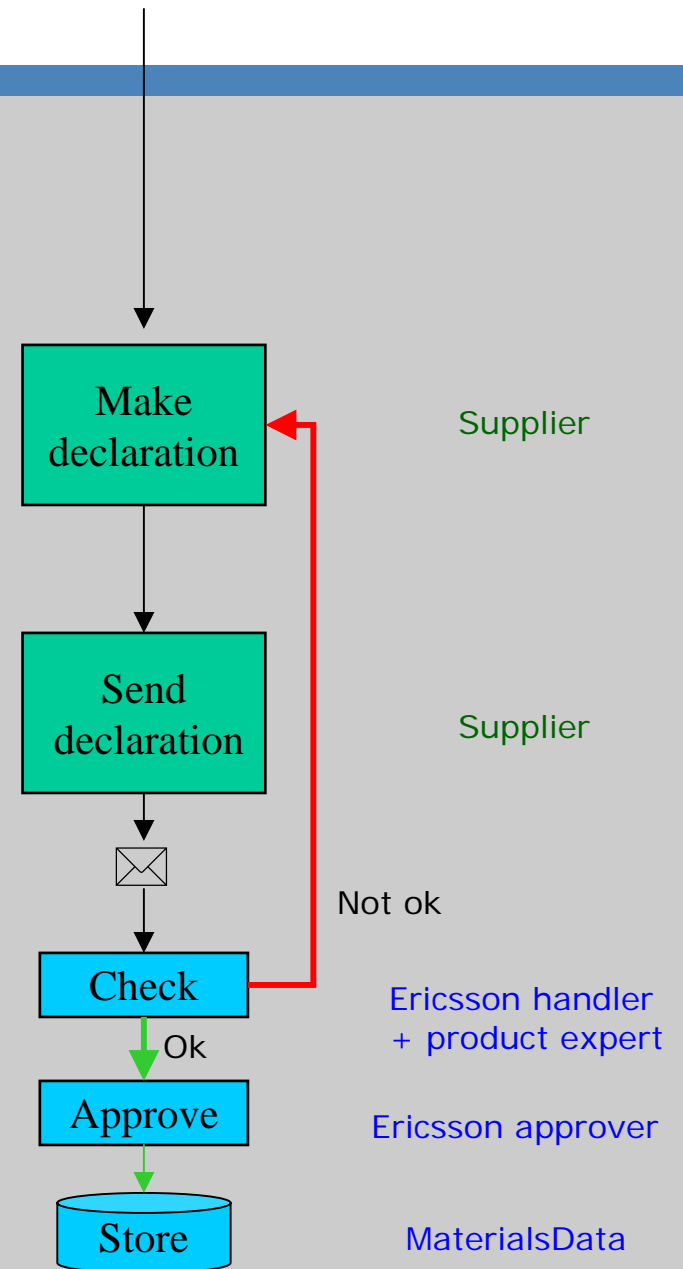
How does it work?

- Ericsson handler creates a request for a materials declaration in MaterialsData.
- An email with a link to a webpage in MaterialsData is sent to the supplier.
- The supplier receives the request and chooses to accept or reject it. If accepted a time frame is specified. The request can be forwarded to someone else in the supplier company.
- Supplier collects information internally and from sub-suppliers.



How does it work?

- The supplier selects materials and constituents from predefined lists in MaterialsData.
- When all information is filled in the supplier submits the declaration to MaterialsData. An email is created and sent to the Ericsson handler.
- The declaration is checked, approved and stored in the MaterialsData database.



What must be declared?

Materials and constituents that are:

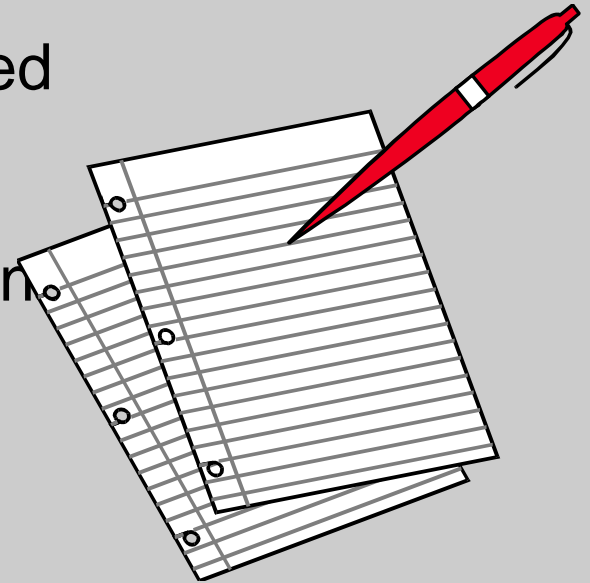
- Restricted by legislation
- Expected to be regulated
- Restricted by customer demands
- Hampering recycling processes
- Valuable
- Common and subject to recycling



For more information see predefined lists of materials and constituents on <http://materialsdata.ericsson.net/>

How is the information used?

- Confirm that Ericsson complies with legislation - review of banned and restricted substances
- Generate aggregated materials declaration for complex products
- End of Life strategies
- Data input to environmental product declarations and LCA (Life Cycle Assessment)



How is the information handled?

- Only average figures used in reports and information material
- No third parties have access to the information



Supplier support and more information

- [Http://materialsdata.ericsson.net](http://materialsdata.ericsson.net)
 - User guide
 - Predefined lists of materials and constituents
 - Questionnaires that can be used by supplier to request information from sub-suppliers
- Support
 - **Questions:** Your Ericsson handler (person who sent the request)
 - **Technical problems:** +46 8 568 65 000 (application id 1301) or exact@pac.ericsson.se

