

Category	Who - Job Function?	What - Input Data needed?	What - Output product?	Total	Number
<b>Restricted Substances</b>					
Selection and Substitution	Materials/ Procurement	Recently identified substance	Given a substance, locate all of its uses in all articles sold by company	34	5
Report	Designer	Database of possible alternative materials / substances	Substitute for an obsolete material	31	5
Input Data	EH&S / Materials	Regular updates of reference information + supplier declarations	Maintain and update materials/ substances database	29	5
Manage Data	EH&S / Materials	Reference data on restricted substances and legislation	Process for merging regular updates of substance and legislation information and linking it to other information in the database.	28	5
Selection and Substitution	EH&S / Materials	Agreed input format	Standardized data input system for material and article supplier declaration of substances on user-specified list	26	5
Input Data	Manufacturing Technology/ Procurement	Recently identified substance	Given substance, identify impact on all manufacturing processes used or specified by company	25	4
Input Data	Suppliers of articles	Part Number	Declaration of substances and quantities in supplied articles	22	3
Selection and Substitution	Designer	BoM from CAD system + Restricted Substances Info	Material selection accounting for restrictions due to substances	22	4
Report	Manufacturing Technology	Database of possible alternative processes	Substitute for an obsolete process	20	5
Input Data	Suppliers of preparations	Process Specifications	Links between substance specifications and manufacturing processes	17	4
Input Data	Suppliers of materials	Material Specification	Declaration of substances and their quantities in supplied materials	17	3
Input Data	HS&E	Lists applicable to each project / product / application	Maintain restricted substances lists and set applicable lists per project / product	17	4
Manage Data	Suppliers of preparations	Preparation Trade name	Declaration of substances and their quantities in supplied preparations	16	2
Report	Designer Chief Engineer EH&S Manager	Connections between (articles-materials-substances); (bought in articles - substances); (articles-processes-substances)	REACH Article 33 report	12	3

## EMIT\_Use\_Cases\_All 2009-02-25.xls

Articles Data	Designer	List of preferred materials	Assign material to a component within CAD or PLM system	6	3
Articles Data	Designer / Manufacturing Tech	List of preferred processes	Assign processes to a component within CAD or PLM system	4	3
Report	Designer Chief Engineer EH&S	BoM from outside (eg takeoff from drwg)	Generate restricted subs report	2	2
Report	Designer Chief Engineer EH&S	Bill of Process from outside (eg takeoff from drwg)	Generate restricted subs report	1	1
<b>Further Use Cases added after Telecon on 24 Feb 2009</b>					
Manage Data	EH&S / Materials	Links between materials in material database and substances in external substances	Interface Eco tools with external restricted substances databases - eg Synapsis, SAP	0	0
Manage Data	Designer / Intern	Translation between legacy material specifications and contents of materials database	Translate material Identifiers in CAD systems for legacy parts: Enable Eco tools to work with legacy component drawings	0	0
<b>Total</b>				<b>329</b>	<b>66</b>