

Category	Use Case	Explanation	Operator Job Function
Restricted Substances			
Articles Data	Assign materials	Assign preferred material to a component within CAD or PLM system	Designer
Articles Data	Assign processes	Assign preferred processes to a component within CAD or PLM system	Designer / Manufacturing Tech
Input Data	Database management tools	Maintain and update materials/ substances database	EH&S / Materials
Input Data	Supplier declaration system	Standardized system for supplier declaration of substances on user-specified list contained in preparations / materials / article / processes	EH&S / Materials
Input Data	Find substance in Processes	Given substance, identify impact on all manufacturing processes used or specified by company	Manufacturing Technology/ Procurement
Input Data	Process Specifications	Links between substance specifications and manufacturing processes	Suppliers of preparations
Manage Data	Database updater	Process for merging regular updates of reference substance and legislation information and linking it to other information in the database	EH&S / Materials
Manage Data	Connect to external substances databases	Interface Eco tools with external restricted substances databases - eg Synapsis, SAP (Links between materials in material database and substances in external substances)	EH&S / Materials
Manage Data	ID Translation	Translate material Identifiers in CAD systems for legacy parts: Enable Eco tools to work with legacy component drawings	Designer / Intern
Report	Material Substitution	Find an alternative to an obsolete material	Designer
Report	Process substitution	Find an alternative for an obsolete manufacturing process	Manufacturing Technology

EMIT_Use_Cases 2009-04-12.xls

Report	REACH Article 33 report	Connections between (articles-materials-substances); (bought in articles - substances); (articles-processes-substances)	Designer Chief Engineer EH&S Manager
Report	Substance report for materials	Generate restricted subs report from BoM in CAD system or external file	Designer Chief Engineer EH&S Manager
Report	Substance report for processes	Generate restricted subs report for processes stored in CAD system or external file	Designer Chief Engineer EH&S Manager
Selection and Substitution	Find substance in Articles	Given a substance, locate all of its uses in all articles sold by company	Materials/ Procurement
Selection and Substitution	Material selection	Material selection accounting for restrictions due to substances	Designer
Selection and Substitution	Dynamic substance summary	Set applicable lists of restricted substances per project / product / location	HS&E
Total			