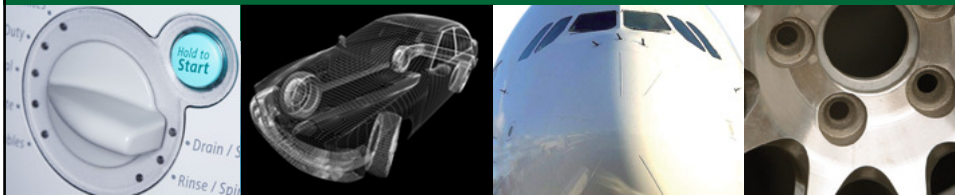


EMIT Consortium

Restricted Substances Reference Database Roadmap



www.emitconsortium.com

Outline

- **Current Status of RSDB**

- ▶ Release 2.0 Details
- ▶ MI6.0 Database Plan Review
- ▶ Release 2.1 Details
- ▶ Database Demonstration
- ▶ Coatings Update
- ▶ Data Updater

- **Six month plan**

- ▶ Review of voting
- ▶ Restricted Substances Data Module (Including Coatings) Plan

Current Status

Release 2.0

- Where Used Data SIN 2.0
- UI Patch
- Revised Database schema to enable referencing of Surface Treatment Specs in reports

MI6 Database Plan Review

MI6.0 Database Plan

UCD	Project Title
E-D-25	Add TRLs for coating substitutes by application
E-D-17	Generate REACH SVHC Prediction Indicator ('Cathy Phillips Indicator')
E-D-22	Generate a metric to indicate the overall risk that a substance or element poses to the organization
E-D-19	Generate Risk metric for threat to source of supply
E-D-15	Revised folder structure in Legislation
E-D-14	Adding Substance Attribute Groups
E-D-13	Handling NOCAS Groups

MI6 Database Plan Review (Continued)

E-D-25 - Add TRLs for coating substitutes by application

- Review of Rowan TRL Data

- Request for feedback by end of October for inclusion in December RSDB release

MI6 Database Plan Review (Continued)

E-D-17 - Generate REACH SVHC Prediction Indicator ('Cathy Phillips Indicator')

Included in Release 2.1

- Cathy Phillips indicator =
 - ETUC List
 - High Production Volume flag (From ESIS)
 - Wide Dispersive Use (From EChA)

→83 Legislations

→6767 Substances

MI6 Database Plan Review (Continued)

E-D-22 - Generate a metric to indicate the overall risk that a substance or element poses to the organization

E-D-19 - Generate Risk metric for threat to source of supply

- Discussed in MI6.0 Demo

Current Status (Continued)

Coatings (Included in Release 2.1)

- Oil & Gas Coatings added
- 144 records
- Density data to support STS reports

Demonstration

SIN 2.0 WUD

Cathy Phillips Indicator

New Coatings



Data Updater

Difficulties with DU file generation, and extensive schema changes for 2.1 release delayed both 2.0 and 2.1 releases to end of August

Internal procedures & Software improvements identified to improve SW performance & internal procedures

Some SW enhancements completed for MI6.0: enhanced error reporting, chaining of update files)

Delays have resulted in a revised 2012 release schedule:

2.2 – End October

2.3 – End December



24/04/2012 EMIT Voting

UCD	Project Title	TOTAL	Rank
E-D-24	Generate a risk metric to quantify the lack of substitutes for an obsolete (or potentially obsolete) substance or element	37	9
E-D-18	Generate Risk metric for undocumented reformulation by suppliers	27	8
E-D-21	Generate risk metric for communication / declaration failure in supply chain	24	9
E-D-16	Generate a flag to indicate if supply chain fails to register a key substance	22	6
E-D-23	Generate metric to quantify the risk of counterfeit and out-of-spec parts	13	7
E-D-20	Generate risk metric for inadequate R&D for substitutes in supplier industry	12	6

24/04/2012 EMIT Voting (Continued)

E-D-24 - Generate a risk metric to quantify the lack of substitutes for an obsolete (or potentially obsolete) substance or element

- Groundwork laid in Critical Materials project to develop risk indicators for elements, but not substitutability

- Need to develop methodology & scope of substances / elements to deliver E-D-24 risk metric

- Coatings TRL work can be used to develop a model to feed into a dashboard quantify risk in a BoM, or selection of BoMs

- Use results to inform development of similar models for substances in materials used in other applications

24/04/2012 EMIT Voting (Continued)

E-D-18 - Generate Risk metric for undocumented reformulation by suppliers

E-D-21 - Generate risk metric for communication / declaration failure in supply chain

E-D-16 - Generate a flag to indicate if supply chain fails to register a key substance

Short – Medium Terms Measures:

Predictive Lists & Cathy Phillips indicator enable good targeting on high risk materials

For registered substances, add type of Registration (Full vs intermediate)



24/04/2012 EMIT Voting (Continued)

Medium to Long Term

Additional research required to enable more precision (e.g. What characteristics makes supplier A more likely to reformulate / not register than supplier B?)

→

-In discussions with Cambridge Judge Business School & Institute for Manufacturing → Applying to Research Council for funding

-Letters of support to secure funding?

-Developing web crawling capabilities to pull Registration Status data from EChA



Database Release Plan

Release 2.2 (End October)

Legislation Updates

- TSCA 5a SNURs
- REACH Updates & WUD

Release 2.3 (End December)

Substance Groups & NOCAS

TRLs for Coatings (E-D-24)

Release 3.1 (End March)

MIL Specs for Coatings

Extend Organic Paints Coverage

Registration Type



Questions & Comments?

