



For RoHS and REACH Compliance Management

Data Collection: Essential for Compliance Due Diligence

Complying with environmental directives and regulations like RoHS and REACH is impossible without reliable data. But data collection is tedious and time-consuming. Contacting suppliers directly for information can take many phone calls and emails, and it can take weeks to months for a response. Suppliers submit data in a variety of formats, requiring significant resources to perform data cleansing and consolidation on a part-by-part basis. Most importantly, significant time and effort is required to collect data—a task that is sometimes considered non-mission critical to the core business.

GreenSoft's Data Management Services relieves the stress by collecting your required data, surveying online sources and contacting suppliers directly. We then consolidate the data into the desired format for sharing across different departments in your organization. You can be sure that your parts data are always current and comprehensive, accurate and complete. Companies save time and money by outsourcing their data collection and aggregation to GreenSoft.

GreenSoft Data Management Services (DMS)

BOM Scrubbing/Parts Cleansing— Validate and correct mfg. info. and part numbers; collect datasheets

Collection of Lifecycle Status— EOL, LTB, PCN, Obsolete, replacement PN if obsolete

Collection of RoHS Compliance Data— Validate status and identify RoHS-compliant replacement parts

Collection of Material Substance Data

- For validation of REACH substances
- Substance PPM for RoHS 6, JIG A&B, and full-disclosure
- IPC-1752 forms; Lab Test Report for material composition

Collection of Lead-Free Manufacturing Data

- MSL rating, peak temp., duration at peak temp., and max. number of processing cycle
- Tin-Whisker mitigation and JESD-201 Test Report

REACH Data Collection—SVHC (Substances of Very High Concern) material data

Other Substances—PFOS, PAHs, Deca-BDE, Halogen-Free

Maintenance Package—Data is least 30-day fresh with updates delivered monthly or quarterly.

GreenSoft Technology: A Trusted Partner

GreenSoft has 7 years experience in managing compliance data and has a broad range of expertise in active and passive components, electrical and mechanical parts, packing and printing materials, and raw materials including gas and chemicals. GreenSoft has relationships with over 5000 suppliers worldwide. GreenSoft is ISO 9001:2000 certified.

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GreenSoft provides RoHS data management services to market-leading companies:



The 3-Step RoHS DMS Process

1. Prepare the Parts List

- Provide a list of parts with manufacturer names and manufacturer part numbers.
- If the part description is available, it helps in validating the manufacturer part number.
- You can start with a single BOM instead of aggregating your entire Item Master list.

2. Set Up the Required Fields

- Specify your requirements by selecting fields from an Excel template we provide (DMS.xls) and return the Excel template to services@greensofttech.com.
- See the example at right.

3. Specify the Deliverable Format

- Let us know in what format you want the data delivered so that it can easily be imported into your ERP/PLM system.
- A sample deliverable format is available. You can choose to edit the sample format or have GreenSoft prepare a custom format based on your requirements.

Required Fields Template

Part Number Profile Segment
Manufacturer Name
Manufacturer Part Number
Part Description
Datasheet
Lifecycle Status Segment
Lifecycle Status
End-of-Life Date
Last-Time-Buy Date
Replacement PN for Obsolete/EOL
PCN - Product Change Notice
RoHS Status Segment
RoHS Status
Exemption Reference Number
Replacement PN for Non-RoHS Part
CoC - Certificate of Compliance
PCB Manufacturing Reflow Soldering Segment
Peak Processing Temperature (°C)
Moisture Sensitivity Level (MSL)
Maximum Duration at Peak Processing Temperature (sec)
Max Number of Processing Cycle
Compatibility with Tin/Lead Manufacturing Process
Soldering Profile
Termination Plating & Tin Whisker Mitigation Segment
Component Terminal Plating/Surface Finish/Grid Array Material
Assembly House and Location
Minimum Lead-to-Lead Spacing (um)
Package Type
Conatin Sn(Tin) in Termination Finish/Surface Finish
Termination Finish Process: Electroplated or Hot-dipped
Plating Finish/Surface Finish Thickness (um)
Plating Chemistry
Contain Underplate in Termination Finish/Surface Finish
Underplate/Underlayer Material
Underplate/Underlayer Material Thickness (um)
Porosity Free on Barrier Metal
Bake or Anneal Process Performed on the Lead Frame after Sn Platin
Temperature and Duration on the Bake or Anneal Process
Bake or Anneal Process Performed with 24 Hours of Plating
Tin (Sn) Fused
Base Metal Material used in Termination or Lead-Frame
Base Metal Material Thickness (um)
BGA Ball Composition
Tin Whisker Test Report - JESD-201 - Document Link
Material Composition Declaration Segment
REACH SVHC (Substances of Very High Concern) material data
Part Mass (g)
RoHS 6 Substances in PPM
JIG A & B Substances in PPM
other customer specific substances in PPM
Lab Test Report
Substances from Other Regulations Segment
PFOS Document
PAHs Document
Deca-BDE Document
Halogen-Free Document
Others