

# Providing Unipart Automotive with a web-enabled system to meet their Health and Safety requirements

## PROJECT

Material Safety Data Sheet system

## MARKET SECTOR

Distribution

The image shows a standard Material Safety Data Sheet (MSDS) form. It is divided into several sections:
 

- SECTION 1 - PRODUCT IDENTIFICATION AND USE:** Includes fields for Product Name, Supplier Name, Street Address, City, State, and Zip.
- SECTION 2 - HAZARDOUS INGREDIENTS:** A table with columns for Chemical Name, % Concentration, and other hazard-related information.
- SECTION 3 - PHYSICAL DATA:** Fields for Boiling Point, Melting Point, Flash Point, and other physical properties.
- SECTION 4 - FIRE AND EXPLOSION DATA:** Fields for Flammability, Explosive Limits, and other fire-related data.
- SECTION 5 - BASIC SAFETY DATA:** Fields for First Aid, Spill Cleanup, and other safety instructions.

## PROJECT OBJECTIVE

This national distributor need to provide a Data Sheet to their customers whenever they purchase a product, to comply with the COSHH regulations. They needed a system which was easy for their staff in their branches to search, locate and print off or e-mail the relevant information. Additionally they wanted the ability to provide all that data to their customers at once.

## Obstacles needed to be overcome

- Ensuring that the data sheets match up to all the relevant product codes.
- Ensuring that all the data sheets were loaded up into the system, including those from third party suppliers.
- Providing multiple levels of access and authentication
- Ensuring that the branches, which have a locked-down desktop, have access to the specific area of the intranet through a specified web browser.

## Description of Solution

An Intranet-based, web-interfaced solution with a back end Notes database holding the data was created, that can be accessed by anyone with access to the company intranet. Additionally a custom CD was created, containing the whole database and front end, which could be given to customers to view and access at their own site.

## Technologies Used

Lotus Notes and Domino Server, Domino Off-line Services, Citrix.

## Benefits to the Customer

The company have a searchable database of all the data sheets associated with all the products they sell. These can be accessed and distributed to customers as required and ensure their compliance with the COSHH Legislation. This is an industry leading development

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