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## 1. Project Name

Material Safety Data Sheet (MSDS) project Creation of Business Process Modelling and Business Transactions Class Diagram  
Version: 1.0

## 2. Objectives

### 2.1. Purpose

The purpose of the project is to create business process models and business class diagrams for documenting business scenarios and the business transactions involved in transmitting information pursuant to the requirements of the Material Safety Data Sheet. MSDS standard is a data sheet for hazardous material (HAZMAT) allowing industry partners to electronically exchange data on procedures for handling particular substances in an internationally standardized format. The data sheets include information on areas such as, product and company identification, hazards identification, composition, first-aid measures, fire-fighting measures, accidental release measures, etc.

These MSDS standards will allow for efficient exchange of data concerning HAZMAT with international partners. The standards will facilitate trade by reducing the time to ship hazardous material across borders, increasing trading partner use of an internationally recognized standard format of MSDS information, and increasing the collection of government requested information by all HAZMAT systems.

The output will be used to obtain and validate the XML messages to support the business transactions.

### 2.2. Scope

This project will seek to represent the totality of process and information requirements captured in MSDS.

## 3. Deliverables

The deliverables from the project are:

- A catalogue of business process models covering MSDS processes.
- A guide for users which enables them to select the model appropriate to their needs.
- A guide for users which enables them to select the relevant transaction appropriate to their needs.
- To provide the class diagrams of the MSDS business transactions for the creation of the XML schemas using the UN/CEFACT Core Components Technical Specification.

## 4. Functional Expertise of Membership

Membership is open to experts with broad knowledge of MSDS, as well as chemical experts, the functions of UN/CEFACT, and its groups. Familiarity with previous UN/CEFACT projects for hazardous material reporting and classification will be helpful. In addition, Heads of Delegations may invite technical experts from their constituency to participate in the work. Experts are expected to contribute to the work based solely on their expertise and to comply with the UN/CEFACT Code of Ethics.

## 5. Geographical Focus

The focus is global within the functional area of the MSDS process.

## 6. Initial Contributions

The following contributions are submitted as part of this proposal. It is understood that these contributions are only for consideration by the project team and that other participants may submit additional contributions in order to ensure that as much information as possible is obtained from those with expertise and a material interest in the project.

- CCL 08B

The following have expressed an interest in making such contributions:

## 7. Project Management

### 7.1. Team

<b>Project Chair</b>	<a href="#">Delta Pelgrim</a>
<b>Editor</b>	<a href="#">Delta Pelgrim</a>

### 7.2. Milestones

Estimated Open Development Process (ODP) milestone dates:

ODP Step	ODP Name	Estimated Completion Date	Comment
1	Project Proposal	15.03.2003	Complete ODP1
2	Requirements List	15.08.2003	Complete ODP2
3	1st Working Draft	30.11.2003	Complete ODP3
4	Internal Review	03.01.2004	Complete ODP4
5	Public Review	31.05.2004	Complete ODP5
6	Implementation Verification	01.08.2005	Complete ODP6
7	Final Release	15.10.2005	Complete ODP7

## 8. Statement of Resource Requirements

Resources required are business user experts with a broad knowledge in the area of MSDS, in particular the safety data sheet requirements. Modelling expertise is also required within the group.

Note: Participants in the project shall provide resources for their own participation. The continued existence and functioning of the project team shall not require any additional resources from the UN/ECE secretariat other than:

- Establishing and maintaining the project team's public Web site pages with appropriate links, document download facilities, and items of interest;
- Establishing and maintaining the project team's public and private list servers.