



Material Tracker

Web EHSdesk™ provides a fully integrated suite of web-based software modules designed to support administrative, operational, and business process information management associated with Environment, Health, and Safety (EHS).

The **Material Tracker (MAT)** module tracks and manages material and chemical usage for regulatory reporting. MAT accepts file imports or manual entries of materials purchased/dispensed and applies a conversion factor to produce purchase data acceptable for chemical reporting. Tools are provided for analysis and evaluation of chemical and material data at a facility. MAT also acts as the centralized repository for master material data (materials, safety data sheet [SDS] properties, chemical constituents, chemical abstract society [CAS] number, etc.) to support the rest of the modules in EHSdesk.

Features and Functionality

- Centralized catalog for EHS relevant materials is the foundation for regulatory reporting and areas of interest (materials spilled, pollutants emitted, etc.)
- Key SDS properties are maintained for data sorting, filtering, and calculating (e.g., density, % volatile organics, trade name, manufacturer, etc.)
- Regulatory and corporate “List of Lists” available to document the various CAS number or material lists
- File imports are available with optional manual input for materials purchased or dispensed, allowing for facility-specific material/chemical inventories

Material Summary

The following is a summary of the information for the selected Material.

Material Details		EDIT	
Material ID: 1357	Also Known As No.: 292779		
Material Name: 3M Scotch-Weld Neoprene High Performance	Status: Active		

Safety Data Sheet Details		VIEW	
SDS ID: ABC 111941	Also Known As No.: ABC 111941		
Trade Name: 3M Scotch-Weld Neoprene High Performance Contact Adhesive 1357, Light Yellow (62-1368-5501-2, 62-1368-6530-0, 62-1368-6535-9, 62-136)			
Manufacturer: 3M Engineered Adhesives Div of	Revision Date: 10/21/2009		
Written Date: 04/01/2009	Hazardous Warnings: May cause extreme fatigue		
Density: 6.0000 lb/gal	Status: Active		
VOC %: 61.00			

Constituents				
CAS Number	Chemical Name	From %	To %	Avg. % Status
001	Test Chemical	25.00	50.00	37.50 Active
CAS-5690	Test Chemical	22.00	33.00	27.50 Active

Purchased Materials					ADD
Material ID	Size Quantity	Package Style	Conversion Factor	Status	
1234	2.0000 Case (Case)	tube	1.2500 US gallon (gal)	Active	Edit
5678	5.0000 Centiliter (Centiliter)	canister	3.3300 US gallon (gal)	Inactive	Edit
91011	2.0000 Quart, US liquid (qt US)	case	2.3500 US pound (lb)	Active	Edit

Synonyms		ADD
Synonym Name	3M Scotch Weld	Edit

Print Details	
Report Footer:	This document contains no technical data subject to the EAR or the ITAR.

BACK PRINT

Material Summary Page

- Any user can access an SDS, as well as an electronic file of the SDS
- Typical users include EHS Professionals, EHS Managers, Operations Supervisors, and Procurement Contacts

Benefits

- Streamlines SARA and other Regulatory/Corporate chemical reporting cycle
- Tracks materials and their chemical constituents and provides the ability for timely reporting
- Provides access to key materials data required for reference in other modules in one consistent format
- Provides consistent units of measure (lbs.) through a flexible conversion process
- Provides compliance reports in a configurable “list of lists” format

CHEMICALS USED / PURCHASED LIST OF LISTS REPORT						
Note: All Usage is in US pound (lb)						
CAS #	Material ID	Chemical Name	Material Name	Chemical Quantity	Location	Organization
100-42-5	66778699	Styrene	PVC	83.22875	TEST SITE	DEPT 01: Oper
				1040.35950	TEST SITE	DEPT 01: Oper
				13857.58700	TEST SITE	DEPT 01: Oper
				14981.17525		
Total for 100-42-5:						
369	66778699	369 chemical	PVC	109.86195	TEST SITE	DEPT 01: Oper
				1373.27454	TEST SITE	DEPT 01: Oper
				18292.01484	TEST SITE	DEPT 01: Oper
				19775.15133		
Total for 369:						
106-94-5	AMS 3117 /1	Propyl Bromide	Primer, Zinc Molybdate	652.08000	TEST SITE	DEPT 01: Oper
				2431.00000	TEST SITE	DEPT 01: Oper
				3146.00000	TEST SITE	DEPT 01: Oper
				10296.00000	TEST SITE	DEPT 01: Oper
				15873.00000	TEST SITE	DEPT 01: Oper
15873.00000	TEST SITE	DEPT 01: Oper				

Chemicals Used/Purchased List of Lists Report

Reports

- Ad hoc reporting is available using a flexible search page with multiple filters and sorts; query results can be printed or saved to an Excel™ or PDF format
- Chemical reporting (chemicals’ purchased quantities for a CAS number on a list) is available (e.g., Ozone Depleting Substances, SARA 313, etc.)
- Materials Purchased reports available based on initial purchasing data with applied conversion factor
- OSHA HazCom Inventory Report
- VOC Emissions Report
- Material and Chemical Inventory Report(s)

Integration Points

- **EHSdesk Waste Tracker (WST)**: materials included in waste characterization
- **EHSdesk Incident Tracker (ITA)**: associate materials spilled/released
- **EHSdesk Risk Assessment (RA/IH)**: relate a material and associated chemical occupational exposure limits with a risk assessment/industrial hygiene assessment
- **EHSdesk EHS Management of Change (EMOC)**: submit a change request for a new chemical /chemical use
- **EHSdesk Equipment Characterization (EC)**: materials included in equipment characterization

Compliance

Assists in meeting certification 40 CFR 300 through 373 and 29 CFR 1910.1200 and ISO 14001



Process Flow

