SDS Inventory Manager in use

How can I use SDS Manager to document job/work procedures for hazardous chemicals?

In SDS Manager, you can create Job procedure according to REACH, OSHA and COSHH.

A job procedure typically is used to describe a work procedure involving chemicals, but it is also possible to create work procedures that does not include any chemicals only using non-substance related hazards e.g. Electrical hazards.

A job procedure have the following GENERAL information: Frequency of the Job procedure, Description of the procedure, Description of the job steps and Description of the hazards

You may want to link a job procedure to a location and or users.

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When you link users to a Job procedure, the user will receive an email requesting the user to review the Job procedure and to click the "Confirm I have read" the procedure. This help you document that procedures are read by involved users.

The Job procedure can be linked to one or more risk assessed chemicals (SDSs). Only risk assessed SDS can be linked to the Job procedure. I.e. you are creating a Job procedure involving e.g. 2 chemicals, you first create Chemical risk assessment for each of the two SDSs and then link the risk assessed chemicals to the Job procedure

URL: https://faq.sdsmanager.com/content/26/365/en/how-can-i-use-sds-manager-to-document-job_work-procedures-for-hazardous-chemicals.html

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The risk rating of the Job procedure is calculated as the highest rating found in the linked Chemical risk assessments.

Non-substance related safety hazards can also be added to the Job-procedure.

Below is a list of Non-substance hazards

URL: https://faq.sdsmanager.com/content/26/365/en/how-can-i-use-sds-manager-to-document-job_work-procedures-for-hazardous-chemicals.html

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Hazards

Non-substance related safety hazards

- Unsafe tools equipment

- Fall hazards

- Entrapment

- Mechanical

- Slip trip hazards

- Obstructions

- Animal droppings

- Lighting

- Electrical

- Mold

- Sharp objects

- Asbestos

- Extreme heat cold

- Awkward postures or lifting

- Working alone

- Confined space

On the Enterprise plan, user can open for exposure registrations for a work procedure

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On the Job procedure risk assessment, the risks will be listed for use without PPE and Controls and the risk with Controls.

SDS Manager use a risk classification range from 1-5 for (H)ealth, (S)afety and (E)nvironment where 3 is highest acceptable risk for employees

In below example, we can see that all Health risks are medium high (H3) while the safety risk is very low (S1).

The controls identified on the Job procedure are displayed on any secondary container labels

available for any users of the SDS Inventory Manager.

Job procedures can be approved and revised.

Below is an example of a Job hazard analysis created in SDS Manager:

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Job hazard analysis report

				Confirm I have read the job procedure

Job procedure title	3D printer cleaning and refill refrigerated Argon
Frequency of job procedure	Monthly
Locations	Demo site Eng
Persons at risk	User of the substance
Substance form	Liquid
Last revised	2022-12-14
Description of procedure	Monthly cleaning of 3D printer and refill Argon.
Description of Job steps	The first thing you should do is remove the vat from the 3D printer and then drain the leftover resin into the plastic bottles you have. Use the funnel and filter to make this process easier. You can reuse the resin after you have finished cleaning the vat.
Description of Hazards	Refrigerated Argon is very dangerous to get on the skin. Fumes from the Resin must not be inhaled.
Description of Controls	Use described PPE

Risk categories

Risk categories	Without controls	With controls
Eyes	H3	H3
Skin	H4	H3
Inhalation/Respiration	H3	H3
Corrosive	H3	H3
Flammable	S1	S1
Pressurized	S2	S2
Environment	E1	E1

PPE and Controls

Substance: LIQUID RESIN CLEANER

Open SDS

How should the substance be used?

Clean accordint to descriptin on 3D printer operation manual.

What is the substance used for?

Clean 3D printer

Storage requirements

keep locked

How should the substance be disposed of?

Dispose of all waste product and wastes generated from this product in accordance with local, state, and federal regulations. Assume wastes are hazardous unless characterization demonstrates otherwise. Handle empty drums as if they contain chemical residual until they have been thoroughly decontaminated.

Hazard and precautionary statements

H290: May be corrosive to metals H314: Causes severe skin burns and eye damage H335: May cause respiratory irritation

Hazards and controls

Flammable	S1 Not Dangerous	S1 Very low
	Controls in place No smoking	

Environment	E1 Not Dangerous	E1 Very low

Corrosive	H3 Hazardous	H3 Medium
	Controls in place Wear protective clothing Do Not Leave Waste	

Eyes	H3 Hazardous	H3 Medium
	Controls in place Wear a face shield	

Skin	H3 Hazardous	H3 Medium
	Controls in place Wear protective clothing	

Inhalation/Respiration	H3 Hazardous	H3 Medium
	Controls in place Wear half-mask respirators	

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