Organizing the MSDS Chemical Inventory Part 1

Photos from actual field safety inspections in Northern California

Note: UN-GHS Regulations CFR1910.1200 will change MSDS to SDS

Case Study/Example

Project detail:

Safer use of chemical based products can be enhanced if workers are allowed access to, and the opportunity to read MSDS first. Inspection reports filed over the last 4 years, indicate that most roofing-waterproofing companies do not have readily available MSDS, based at the work zone. And although MSDS are mandated by OSHA to be readily available (for workers on the job), many workers never get to see an MSDS.

Example:

A worker inadvertently, picks up and drinks a bottle of soda, not realizing that another worker had filled the container with a flammable solvent for a job task. As workers try to deal with the sudden chemical ingestion emergency, an MSDS for the solvent cannot be found. Emergency room doctors need MSDS to help victims of poisoning or chemical toxicity.

Common safety issues:

# 1. Workers do not have access to MSDS
# 2. Company does not have MSDS on jobsite
# 3. Workers are not trained to read MSDS
# 4. Many people think all MSDS are Online
# 5. No MSDS access, documents in GC Office
# 6. No MSDS Chemical Inventory
# 7. Companies do not use MSDS in Tailgates
# 8. Confusion between Tech Sheets & MSDS
# 9. MSDS Chemical Inventory unorganized or containing unnecessary information.

Note: DO NOT file Technical Sheets with MSDS
Organizing an MSDS Chemical Inventory

Two Most Important Reasons to have MSDS readily available at the work zone

1. Workers can read and learn about chemical hazards, better protecting themselves, and responding more effectively to potential releases, spills or chemical emergencies.

2. Emergency Medical Providers use MSDS for important decisions at the hospital.

Setting up your company MSDS Chemical Inventory (trade specific) can be a fairly simple and straightforward process.

Step # 1. Establish the MSDS inventory via computer listed by Chemical Name. Always remember this rule: List all chemical products in the MSDS Chemical Inventory exactly as they are (stated) on the product label. (see examples below)

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**MSDS Safety Information**

FSC: 8040
MSDS Date: 01/30/1997
MSDS Num: CFWFQ
LIIN: 00N077243
Product ID: SUPER 77 SPRAY ADHESIVE, 62-4437-4930-4
MFN: 02
Cage: 1BY21
Name: 3M GENERAL OFFICES
Address: 3M CENTER
City: ST PAUL MN 55144-1000
Info Phone Number: 612-733-1110
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**SUPER 77 MULTIPURPOSE ADHESIVE**

Label Title: Super 77 Multipurpose Adhesive

Step # 2. Include Manufacturer’s Name (next to the chemical product name) see page 4
XYZ COMPANY

MSDS
CHEMICAL INVENTORY

This inventory is currently under revision, manufacturers have been contacted to supply specific MSDS for chemical products. XYZ COMPANY will exercise due diligence in securing, providing and regularly updating this inventory.

DO NOT REMOVE MSDS PAGES FROM BINDER

Prepared by: Daniel J. O’Connell, CHMM, REA, B.Sc.

NOTE: To ensure compliance with the OSHA Hazard Communications Standard, make certain that all names of chemicals or chemical products entered into the MSDS Chemical Inventory are listed exactly as they are (stated) on the product label. To expedite MSDS identification, product names should be highlighted in yellow on page 1 of each individual MSDS

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XYZ COMPANY
MSDS Chemical Inventory

<table>
<thead>
<tr>
<th>Name of Chemical</th>
<th>Manufacturer</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACETONE</td>
<td>FISHER SCIENTIFIC</td>
</tr>
<tr>
<td>TOLUENE</td>
<td>AMOCO</td>
</tr>
<tr>
<td>SUPER 77 MULTIPURPOSE ADHESIVE</td>
<td>3-M</td>
</tr>
<tr>
<td>METHYL ETHYL KEYTONE</td>
<td>PARKS CORPORATION</td>
</tr>
<tr>
<td>WD 40 AEROSOL</td>
<td>WD 40 COMPANY</td>
</tr>
</tbody>
</table>

Note: List each chemical by name, followed by Manufacturer. Keep all MSDS in binder sections (alphabetical order), remember to highlight each chemical name on page 1 of each MSDS for rapid identification in case of an emergency.

Layout condensed to a 1 page format, most frequently, binders have dedicated sections for each alpha listing as required per inventory

Special Notes: Information contained in this report was obtained from sources which to the best of our knowledge is authentic and reliable. SAFETRAN, LLC, its officers, owners, agents, representatives, make no guarantee of the results, and assume no liability in connect with either the information herein contained, or the safety suggestions herein made. Moreover, it cannot be assumed that every acceptable safety procedure is contained herein, or that abnormal or unusual circumstances may not warrant or require further or additional procedures.
Organizando el Inventario Químico del MSDS

Las fotografías fueron tomadas durante las inspecciones de seguridad de los techos en el Norte de California

Nota: UN-GHS Regulations CFR1910.1200 will change MSDS to SDS

Caso Estudio/Ejemplo:

Detalles de Trabajo:

El uso seguro de productos químicos puede mejorar si los trabajadores tienen acceso, y la oportunidad de leer el MSDS en el principio. Reportes de Inspecciones de los últimos 4 años, indica que la mayoría de las compañías de techos de impermeabilización no tienen un MSDS con acceso inmediato, estacionado en la zona de trabajo. Y aunque el MSDS es requerido por OSHA a estar disponibles (para los trabajadores en el trabajo), muchos trabajadores nunca tienen la oportunidad de ver el MSDS.

Ejemplo:

Un trabajador sin querer, levanta y toma de una botella de soda, sin darse cuenta que otro trabajador había llenado la botella con un solvente inflamable para realizar un trabajo. Mientras los trabajadores trataban de manejar la emergencia repentina de la ingestión química, el MSDS de ese solvente no pudo ser hallada. Los doctores de Emergencia necesitan el MSDS para ayudar a las víctimas de envenenamiento o toxicidad química.

Problemas de Seguridad Comunes:

# 1. Trabajadores no tienen acceso al MSDS
# 2. Compañía no tiene el MSDS en el área de trabajo
# 3. Trabajadores no están entrenados a leer el MSDS
# 4. Muchos piensan que todos los MSDS están en el Internet
# 5. No acceso al MSDS, documentos están con el Contratista General
# 6. No Inventario Químico del MSDS
# 7. Compañías no usan MSDS en las juntas de seguridad
# 8. Confusión entre las Hojas Técnicas y el MSDS
# 9. El Inventario Químico del MSDS esta desorganizado o contiene información innecesaria.

Nota:

NO archiven las Hojas Técnicas con MSDS.
Dos Razones más Importantes para Tener un MSDS fácilmente disponibles en la zona de trabajo.

1. Los trabajadores pueden leer y aprender sobre los peligros químicos, protegiéndose mejor, y Respondiendo de manera más efectiva en posibles escapes, derrames, o emergencias químicas.

2. Proveedores de Servicios Médicos de Emergencia usan el MSDS para las decisiones importantes en el hospital.

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Intencionalmente no está Traducido al Español
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