

Activate Windows
Go to Settings to activate

Windows Server Data Sheet

OBJECTIVES

What is MSDS?

How Can I Access The
MSDSs?

Important Information
on MSDS

Systems of Labeling

CHECK LABELS ON CHEMICAL CONTAINERS

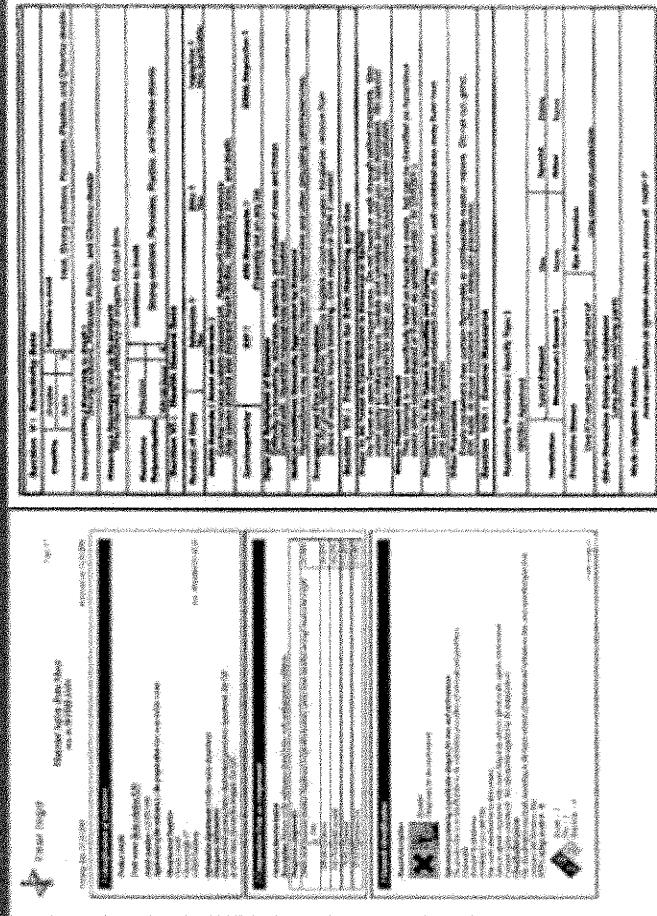


WHAT IS MSDS?

The Material Safety Data Sheet is a document that reveals the following:

- Chemical in a product
- That Hazards associated with this chemical.
- Necessary risk reduction measures and precautions.
- Post-exposure measures

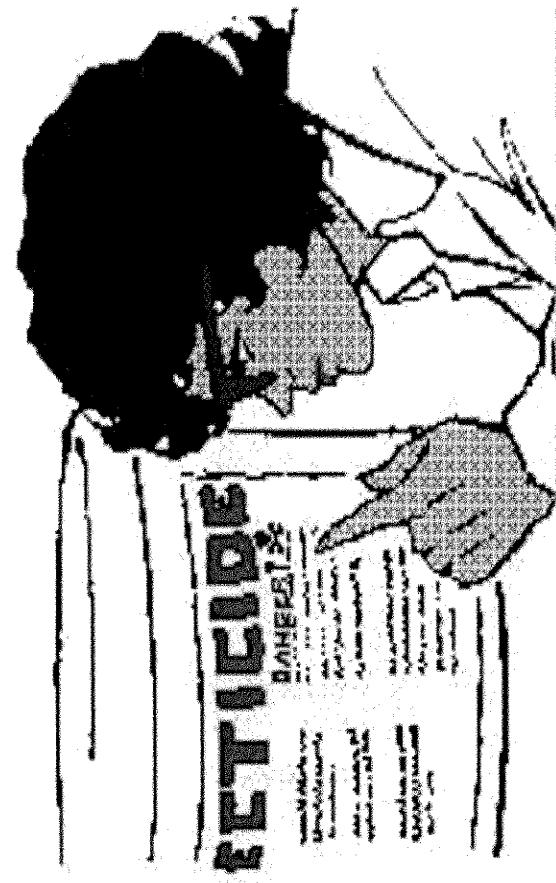
It should be up to date.



WHAT IS MSDS?

This is one of the tools in line with OSHA Right-To-Know Policy on use of chemicals in the workplace, which also includes other items like:

- Container labels
- Safety signs, and
- Safety training and Pre-tour meetings.

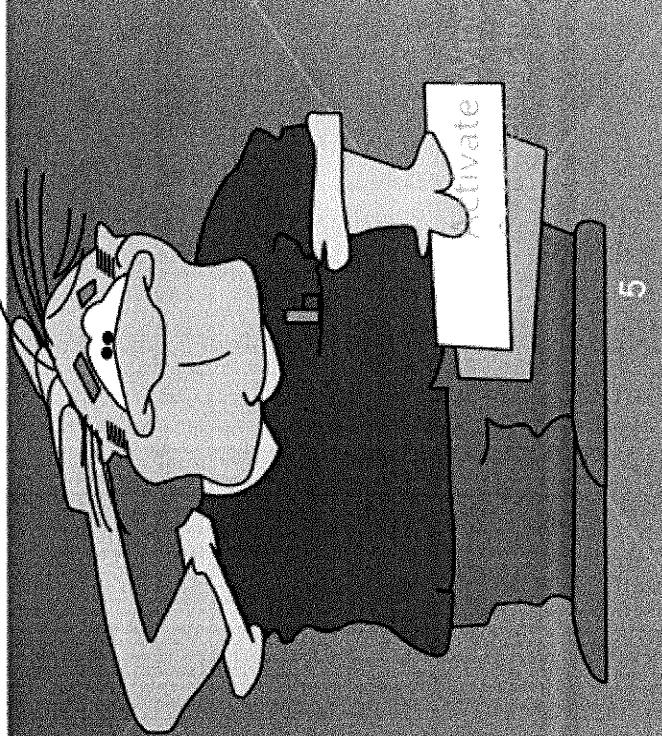


WHAT IS MSDS?

The manufacturer has a responsibility to provide this document on supplying a product.

The employer has a responsibility to make this document available to their employees.

The employee has a responsibility to access these documents wherever they are located before proceeding on a job and abide by policies and procedures of the employer.



HOW CAN I ACCESS THE MSDS?

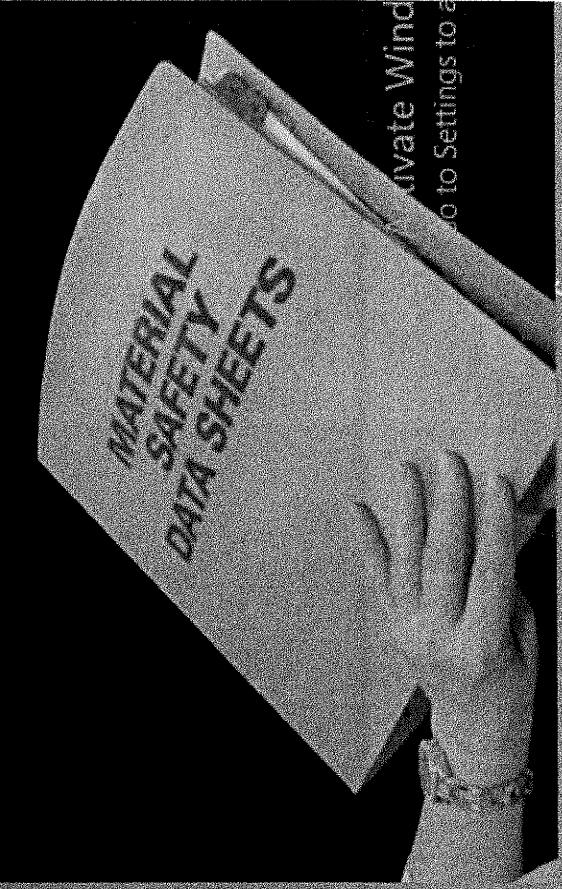
The different departments have MSDS specific to task being undertaken and can be accessed at all times by everyone.



Control copy for all departments can be accessed on :

1. The office
2. The Workshop

Electronic copies can be accessed via the Shared drive in MSDS folder



IMPORTANT INFORMATION ON MSDS

Product Information Chemical Components Exposure Limits

PEL (Permissible Exposure Limit)

STEL (Short-Term Exposure Limit)

TLV (Threshold limit value)

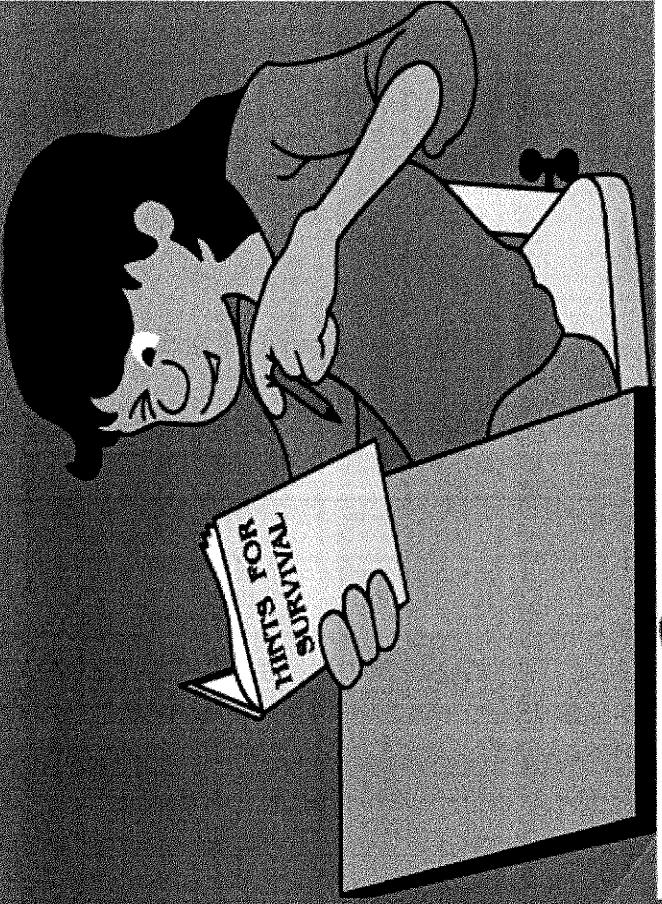
Physical Properties

Health Hazards

Fire and Explosion Data

(Flash point and Flammability, including fire fighting requirements and procedures)

Reactivity Information (Chemical interactions)



IMPORTANT INFORMATION ON MSDS

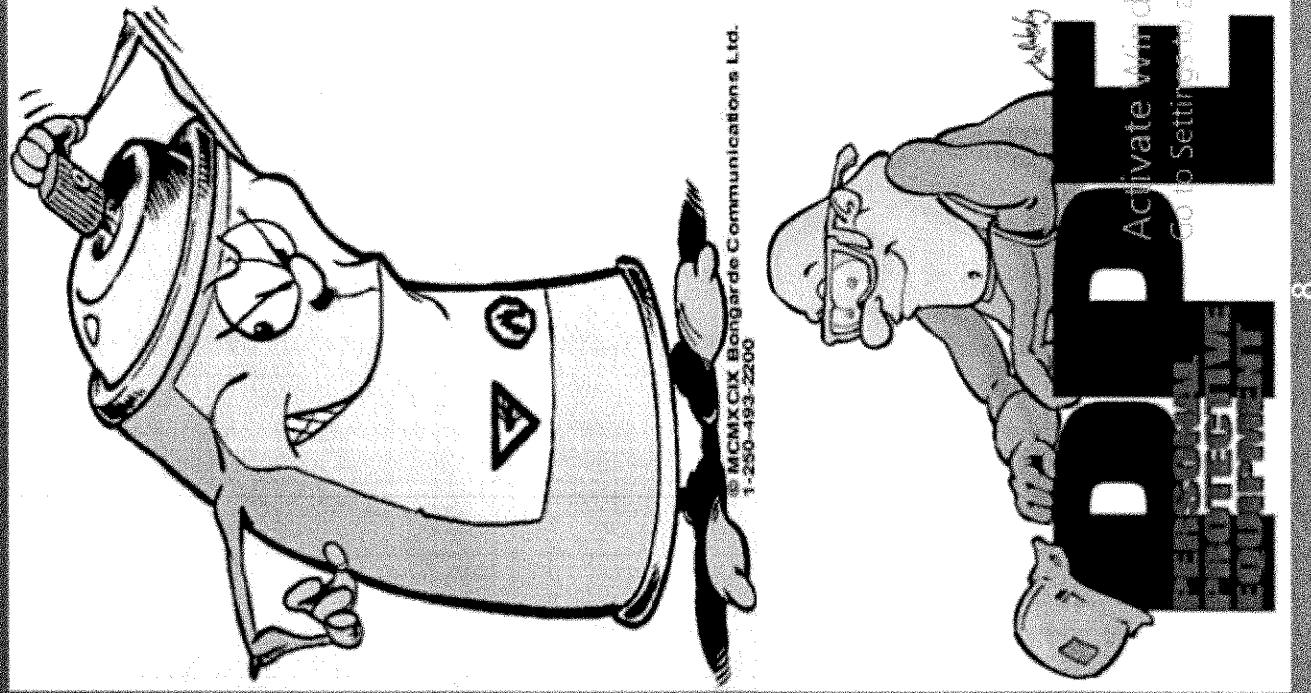
Safe Handling Precautions/Instructions Exposure Control (Engineering, PPE and Personal hygiene) Spills and Leaks Instructions/Precautions First Aid Measures

(Following post-exposure via
inhalation, skin or eyes)

Additional Information:

This includes it's the following:

- **Ecological/Environmental hazards**
- **Toxicology testing/reports**
- **Shipping Information**
- **Relevant Regulatory Bodies.**

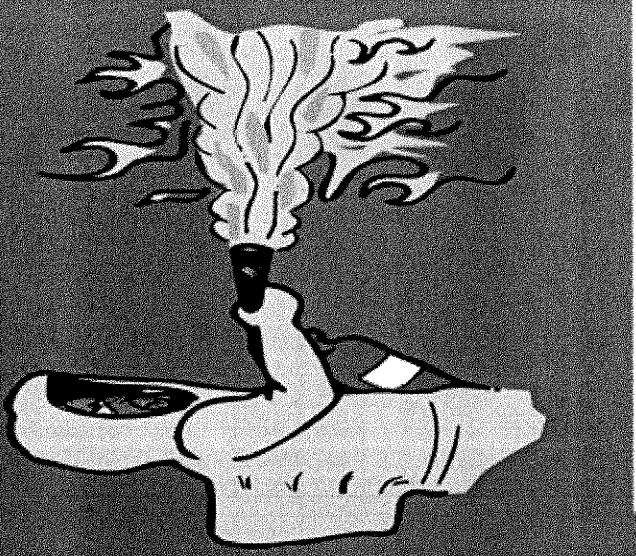


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SYSTEMS OF LABELING.

The systems for identification of hazard includes:

1. National Fire Protection Association (NFPA) 704) Diamond Labeling System



Material Safety Data Sheet

Product Name: **RO-4000** (Rust Converter)

Chemical Family: **Organic Compounds**

Hazardous Components: **Styrene, & Acrylic ester**

Emergency Contact: **Chemtrec 1-800-424-9300**

Phone: **000000000000**

Fax: **000000000000**

E-mail: **000000000000@chemtrec.com**

Address: **12345 W. 10th Street, Indianapolis, IN 46290**

Telephone: **(317) 273-1111**

Fax: **(317) 273-1111**

Emergency Response: **Call 911 or local fire department.**

First Aid: **Wash skin with water. If in eyes, flush with water for 15 minutes. If swallowed, do not induce vomiting. Call a physician.**

Storage: **Keep away from heat and ignition sources.**

Disposal: **Do not pour into drains or waterways. Follow local regulations.**

Other: **Keep away from heat and ignition sources.**

0 0
2 2

1 1
3 3
4 4

2. Hazardous Materials Identification System (HMIS)

These systems rely on colour coding and numerical rating to identify a hazard and communicate its severity.

3. Uniform Laboratory Hazard Signage (ULHS)

This system identifies areas where the hazardous substances are used or stored using pictures and symbols.

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2 2
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NATIONAL FIRE PROTECTION ASSOCIATION (NFPA 704) DIAMOND SYSTEM OF LABELING

Health Hazard

- 4 Deadly
- 3 Extreme Danger
- 2 Hazardous
- 1 Slightly Hazardous
- 0 Normal Material

Specific Hazard

ACID

ACID - Acid

ALK - Alkali

COR - Corrosive

OXY - Oxidizer



- Radioactive

- Use No Water

Fire Hazard

- 4 Flash Point Below 75 °F
- 3 Below 100 °F
- 2 Between 100 °F and 200 °F
- 1 Above 200 °F
- 0 Will Not Burn

Reactivity

- 4 May Detonate

- 3 Shock/Heat May Detonate

- 2 Violent Chemical Change

- 1 Unstable If Heated

- 0 Stable

Activator
Solvent
Corrosive

HAZARDOUS MATERIALS IDENTIFICATION SYSTEM (HMIS)

HAZARDOUS MATERIALS IDENTIFICATION SYSTEM

HAZARD RATING CHART	
HEALTH HAZARD	PHYSICAL HAZARD
3 *	2
4	3
5	4
6	5
7	6
8	7
9	8
G	H

PERSONAL PROTECTION INDEX

A B C D E F G H - J

16
E

K X

ASK YOUR SUPERVISOR FOR SPECIALIZED HANDLING DIRECTIONS



FACE SHIELD

SPLASH GUARD

Safety Glasses

Skin Protection

ANTI-FOG MASK

DUST AND VAPOR FILTERS

Respirator

Boots

Follow Active Windows

Follow Safety Settings To Get The Most Out Of Your PPE.

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