

Haz-Map Information

The following examples illustrate the types of information available from the Haz-Map database.

Manicurist

Job task: Uses methacrylates to apply artificial fingernails.

Category: Beauty Culture.

Hyperlink: Control of ethyl methacrylate exposures during the application of artificial fingernails [PubMed].

Disease: Occupational asthma.

Symptoms: Chest tightness, cough, acute dyspnea, exertional dyspnea, eosinophilia, hyperinflation, obstructive defect, wheezing.

Diagnostic: History, pulmonary function test, methacholine challenge test, and specific challenge test.



Mai, a manicurist, is exposed to methacrylates when applying artificial fingernails.

Painter

Job task: Worked for years as a painter or varnisher exposed to solvents.

Category: Applying Surface Coatings.

Hyperlink: OSHA Technical Links: Solvents.

Disease: Chronic solvent encephalopathy.

Symptoms: Concentrating difficulty, dementia, memory loss, mood disturbance.

Diagnostic: History, mental status examination, and neuropsychological testing.



Al, a professional painter, is exposed to solvents in oil-based paint and varnish.

Haz-Map

Occupational Health Database



Health and safety information about the effects of job-related exposure to chemical and biological agents

The Haz-Map database of the National Library of Medicine is based on Haz-Map—A Relational Database of Hazardous Chemicals and Occupational Diseases, by Jay A. Brown, M.D., M.P.H.

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Joe, an auto mechanic, is exposed to solvents (n-Hexane) in glues, coatings, and degreasers.

Auto Mechanic

Job task: Uses n-Hexane as a solvent in glues, coating, and degreasers.

Category: Applying Glues or Sealants.

Hyperlink: n-Hexane—Related peripheral neuropathy among automotive technicians [CDC].

Disease: Toxic neuropathy.

Symptoms: Neuropathy, paresthesia, muscle weakness.

Diagnostic: History, neurological examination, EMG, and nerve conduction test.



Introducing Haz-Map

Haz-Map is an occupational health information database that offers specific information about the possible effects of exposure to chemical and biological agents used in industry, on the job, and at home. Provided by the National Library of Medicine's Specialized Information Services Division, Haz-Map is part of the suite of toxicology and environmental health databases including TOXNET.

Available on the Internet, Haz-Map lists more than 1,000 chemical/biological agents and links these agents to at-risk occupations, approximately 200 associated occupational diseases, and their symptoms. By linking this information, Haz-Map offers a wide range of relevant, reliable information that can be accessed quickly and easily. A glossary and list of references also are included.

Types of Information

- **Hazardous Agents**
- **Occupational Diseases**
- **High Risk Jobs**
- Hobbies/Activities
- Industries
- Job Tasks
- Processes
- Symptoms/Findings



Search

You can search by keyword, agent, disease, or job from almost any page of the site.

Hazardous Agents

Search **hazardous agents** by type of agent or adverse effect or by choosing an agent from an alphabetical list. You will see a description of each agent, including its chemical formula, properties, and synonyms. Click on links to learn about the industrial processes and other activities (such as hobbies) that may expose you to the hazardous agent.

Occupational Diseases

Search **occupational diseases** by type of disease or by choosing a disease from an alphabetical list. You can

also find a disease associated with a job and/or specific symptoms. Search results present a list of common symptoms, associated high risk job tasks, and hazardous agents that may be the cause of the disease. Details about the disease, including latency/incubation period and diagnostic procedures, are also presented.

High Risk Jobs

Search **high risk jobs** by type of job or by choosing a job from an alphabetical list. Haz-Map's job and industry data are from the Department of Labor's standard classification codes. Search results present information about the industries and job tasks that are associated with exposure to hazardous agents and the diseases that may result.

Haz-Map Search

More Searches

Haz-Map Help

Glossary

References

Browse Haz-Map

• Hazardous Agents

1. By Types of Agents
2. By Adverse Effects
3. Alphabetically

Agents: Chemical and biological agents associated with occupational diseases.

• Occupational Diseases

1. By Types of Diseases
2. By **Jobs** and **Symptoms**
3. Alphabetically

Diseases: Medical conditions and symptoms based on the International Classification of Diseases (ICD-9) system.

• High Risk Jobs

1. By Types of Jobs
2. Alphabetically

Jobs: High risk jobs and tasks that could result in exposure to hazardous agents.