



IDENTIFYING WORKPLACE SAFETY HAZARDS

DID YOU KNOW ?

There are over 2 million workplace injuries annually in the U.S. alone?¹

Failure to effectively identify and anticipate workplace hazards is a leading cause of worker injury, illness, and recordable incidents.

According to the Occupational Safety and Health Administration (OSHA), a critical step to establishing health and safety procedures is incorporating an ongoing process to increase hazard recognition. Using a simplified approach based on OSHA's recommended methodology², employers and workers will improve their identification process and better assess workplace hazards to appropriately respond to risks. Risk should be understood as the product of hazards multiplied by worker exposure, both of which can be reduced through this practice.



PHASE 1 - IDENTIFY



Collect and review information to educate you and your workers on hazards likely to be present in specific work areas. Consider surveying workers for known hazards.



Inspect the workplace regularly for new or recurring hazards and update documentation.



Investigate injuries, incidents and near misses to further discover hazards and underlying causes.



PHASE 2 - ASSESS



Analyze injury and incident data for trends, including hazards reported and the nature of the situations. This should include emergency and nonroutine activities.



Measure likelihood and consequence of encountering each hazard identified so you may prioritize corrective actions.



PHASE 3 - RESPOND



Correct where possible by removing hazards as they are found or reengineering the process to avoid them.



Mitigate against remaining hazards through administrative safety controls and equip workers with personal protective equipment (PPE) for further hazard mitigation.



Reperform and train on this practice periodically for continuous improvement of your health and safety program.

References:

1. U.S. Bureau of Labor Statistics, U.S. Department of Labor, 2018 2. <https://www.osha.gov/shpguidelines/hazard-identification.html>

AnsellGUARDIAN®

Performed by our safety experts, AnsellGUARDIAN® is a service that helps our customers to improve their safety, productivity, combining 45 years of safety assessment experience with a data-driven methodology, delivering unique personalised assessments.

HOW WE DO IT



Result oriented

Our simple and clear processes focus on the most relevant areas to deliver our best practices recommendations for one single application or even an entire site.

Tailor-made

Every customer is different, and so are their safety needs. Our 600+ safety experts assess each situation individually, using the data provided and a proven process. This results in a unique, tailor-made assessment to meet your objectives.

Transformational

Our safety experts support the full implementation of our assessment with samples and education of your workers, to ensure the success of PPE change management.

Sustainable partnership

We start our partnership by analysing, benchmarking, implementing and improving your PPE related operations and performance. One assessment at a time, we assess your current and future safety needs.

PROCESS:

DATA COLLECTION



ASSESSMENT



VALIDATION TESTING



IMPLEMENTATION



TRAINING



EXPANSION

YOUR BENEFITS

\$170 million

customer savings on PPE since 2010

65%

injury reduction

25%

portfolio reduction

17.000

assessments since 2010

35.000

chemicals profiled to advise what's right

600+

safety experts

45+

years of experience in safety assessments



ASK AN EXPERT

For more information, please visit ansell.com/services

CHEMICAL PROTECTION. SIMPLIFIED.

AnsellGUARDIAN[®] Chemical simplifies the glove and suit selection for your unique set of chemicals.



WHAT WE DO

AnsellGUARDIAN[®] Chemical evaluates the resistance of glove and suit materials to your chemicals and delivers a personalised assessment with expected permeation breakthrough times and degradation ratings.

This assessment can either be carried out during a personal consultation with our AnsellGUARDIAN[®] safety expert, or online by using our chemical resistance database (ansellguardianpartner.com). As a result, selecting the right chemical glove and/or suit has never been easier.

YOUR BENEFITS: SAFETY. PERFORMANCE. COMPLIANCE.

- Detailed tailor-made report for protection against your chemical hazards (single and mixed chemicals)
- Confidence of knowing you are selecting the right chemical protection
- Comprehensive range of gloves and suits for different industries and applications
- Global support from our Ansell Chemical Experts

35.000

single & mixed
chemicals

70.000+

chemical reports
since 2005

20+

years of experience
in chemical support to
our customers

8 million+

data points spanning over
our hand & body protection
portfolio across EN, ASTM
and ISO standards

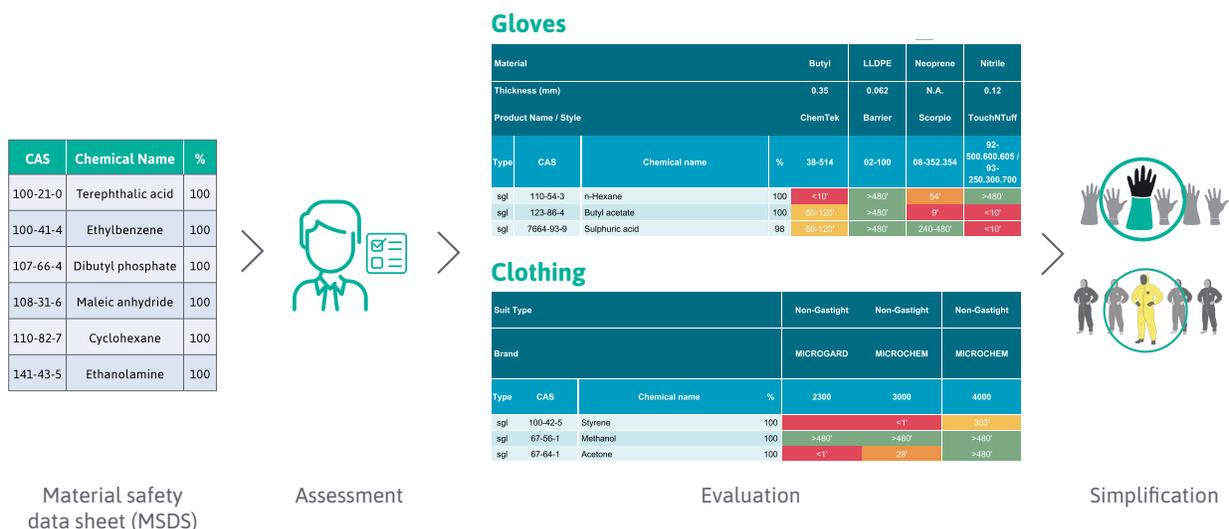
1.000+

reports created/month
for the last 3 years

For more information, please visit ansellguardianpartner.com

HOW WE DO IT

We report permeation breakthrough times –BT1.0 and BT0.1 taken in minutes for the challenged chemical to permeate through the material at a rate of 1.0 µg/ cm²/min or 0.1 µg/ cm²/min as per EN374-3, EN 16523-1, ISO 6529 and ASTM F739. We also report degradation ratings for HP.



ONLINE ACCESS TO CHEMICAL RESISTANCE DATA

Our online solution is designed to simplify your selection of Ansell hand and body protection solutions. It offers an instant visual evaluation and an easy-to-use search functionality, including the unique Chemical Abstracts Service (CAS) number system on ansellguardianpartner.com.



For specific chemical protection challenges, an expert assessment is also available to provide a simplified set of choices from our broad portfolio of chemical protection solutions.



FIND YOUR CHEMICAL RESISTANCE DATA NOW

For more information, please visit ansellguardianpartner.com