

CC-EVAL-HAZCOM-GHS-001 v2.0

HazCom / GHS Exposure Intelligence

Structured Hazard Communication & Safety Data Sheet Documentation for Construction

Scope and Application Brief · CC-WP-HAZCOM-001-001 | Rev 0.1 | June 23, 2026

Authority Packet: SAP-HAZCOM-1926.59-v1 | Jurisdiction: Federal OSHA Construction Hazard Communication Baseline (29 CFR 1926.59 / 1910.1200)

DOCUMENTATION FRAMEWORK — SCOPE LIMITATION

This tool organizes hazard communication documentation only. It does not verify Safety Data Sheet accuracy, classify chemicals or confirm a GHS classification, diagnose health effects, assign respirators or PPE, authorize chemical storage, handling, transfer, or use, replace the manufacturer Safety Data Sheet, or replace employer HazCom training or the written hazard communication program. The employer retains sole and non-delegable responsibility for hazard evaluation, employee information and training, and field implementation under 29 CFR 1926.59, 29 CFR 1910.1200, and applicable state plans.

01 What Is CC-EVAL-HAZCOM-GHS-001?

CC-EVAL-HAZCOM-GHS-001 v2.0 — HazCom / GHS Exposure Intelligence — is the Hazard Communication documentation tool built on the Compliance Crucible platform. It provides a structured, authority-bounded documentation framework that helps employers assemble a cleaner, field-ready and audit-ready hazard communication record from the manufacturer Safety Data Sheet and the actual task — capturing chemical identity and SDS acquisition evidence, the GHS Section 2 snapshot as shown on the SDS, route-of-entry context, captured SDS sections, the office Right-to-Know library record, field and task-specific attachments, a chemical inventory library, preparer attestation, and a locked, verifiable record.

The tool uses a cockpit model: simple field-facing capture on top of controlled documentation, authority reference, record persistence, lock, export, and audit support. Where the domain is finite, controlled selections improve consistency and review value; free text remains available where chemical- and site-specific detail is necessary. The tool records what the SDS and the employer provide — it does not parse, interpret, classify, or verify the SDS.

02 Intended Users

CC-EVAL-HAZCOM-GHS-001 is intended for employers, safety managers, compliance managers, project managers, competent persons, and other designated employer representatives who need a structured documentation framework for hazard communication recordkeeping, written-program support, Right-to-Know library maintenance, and task- or chemical-specific hazard communication documentation — particularly on projects where SDS acquisition evidence, chemical inventory, and locked records matter.

03 What the Tool Produces

FIELD PACKAGE	Concise task-facing package: chemical identity, GHS snapshot as shown on the SDS, route-of-entry summary, captured SDS context, attestation, and document verification. Intended for field review and hazard communication briefing.
AUDITOR REPORT	Structured report presenting record identity, status, SDS acquisition evidence, captured sections, authority boundary, verification value, and audit log. Intended for internal audit, external-review preparation, or record defense.
RIGHT-TO-KNOW / INVENTORY	The office Hazard Communication / Right-to-Know library record and chemical inventory file, built from this record to support the employer's written program and chemical inventory list.
MACHINE AUDIT JSON	Structured machine-readable export of the locked or current record, including identity and lock/provenance fields, GHS snapshot, captured SDS metadata, and the full record state. Intended for structured archive or administrative review.
LOCKED RECORD	Tamper-evident locked record carrying a document verification value; a successful verification recomputes the locked-record fingerprint and compares it to the stored value, distinguishing a locked package from an editable draft.

04 What the Tool Does Not Do

CC-EVAL-HAZCOM-GHS-001 does not perform or substitute for any of the following:

- Verifying supplier or manufacturer Safety Data Sheet accuracy, completeness, or currency
- Classifying a chemical, or confirming a GHS classification, signal word, or pictogram
- Diagnosing health effects or determining exposure risk
- Assigning, selecting, or approving respirators or other personal protective equipment
- Authorizing chemical storage, handling, transfer, or use
- Replacing the full manufacturer Safety Data Sheet
- Replacing employer HazCom training, hazard evaluation, or the written hazard communication program
- Determining legal or regulatory compliance, or stating that employer records satisfy regulatory requirements

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Authority Boundary

Tool ID	CC-EVAL-HAZCOM-GHS-001
Version	v2.0
Authority Packet	SAP-HAZCOM-1926.59-v1
Primary Authority	29 CFR 1926.59 — Hazard Communication (construction)
Incorporated Standard	29 CFR 1910.1200 — Hazard Communication Standard (HCS / GHS), incorporated by 1926.59
GHS Scope Note	SDS Sections 12–15 (ecological, disposal, transport, regulatory) are part of the GHS 16-section format but are not enforced under the OSHA HCS; other agencies (DOT, EPA) may apply. Captured where the SDS provides them.
State-Plan Awareness	State-plan addenda alert reviewers that state requirements may differ from or exceed the federal baseline. Absence of a state delta is not evidence that the federal baseline is complete for the project state.
Jurisdiction	Federal OSHA construction baseline. State Plan requirements must be independently verified where applicable.
Status	Member-gated release — Live

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Proper Use Case

EXAMPLE — HAZARD COMMUNICATION / RIGHT-TO-KNOW DOCUMENTATION

A construction employer is building the written-program and Right-to-Know record for a chemical brought onto a project. The employer needs to organize the factual basis: chemical identity, how the Safety Data Sheet was acquired, the GHS snapshot as shown on the SDS, the routes of entry recorded, which SDS sections were captured, the task context, and any supporting field evidence — preserved as a locked, verifiable documentation package and added to the chemical inventory library.

The tool helps the employer structure, complete, and preserve that documentation. It does not decide whether the chemical is safe to use, what PPE applies, or whether the employer’s program is compliant. Those decisions remain with the employer and its competent person.

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Improper Use Cases

CC-EVAL-HAZCOM-GHS-001 should not be used as any of the following:

- A statement that a chemical is safe, approved, or authorized for storage, handling, transfer, or use
- A substitute for the manufacturer Safety Data Sheet
- A GHS classification, hazard determination, or health-effects assessment
- A respirator or PPE selection, assignment, or approval
- A substitute for employer HazCom training or the written hazard communication program
- A statement that employer records satisfy regulatory requirements
- A professional legal, industrial-hygiene, or engineering service

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Platform Access and Availability

CC-EVAL-HAZCOM-GHS-001 is available through member-gated access. Active Compliance Crucible membership is required. Records persist to the member's organization workspace and lock with a tamper-evident document verification value. The platform is organized around professional, authority-bounded documentation frameworks for construction safety, environmental compliance, DOT compliance, human resources, project management, and quality assurance and control domains.

This public white paper is a descriptive scope and application document only and intentionally does not disclose internal platform, database, security, or authority-adapter implementation details.

SCOPE LIMITATION

This white paper is a descriptive scope and application document only. It is not regulatory guidance, a legal opinion, an industrial-hygiene or engineering service, a certification, an approval, or an employer field decision. Requirements for hazard communication, GHS labeling, and safety data sheets are complex and employer- and chemical-specific. Independent verification of applicable requirements is required for every project and every employer.

Compliance Crucible LLC does not practice law, practice engineering, practice industrial hygiene, classify chemicals, certify conditions, authorize chemical use, or make employer field decisions.