

Credit 2.3 Health Impacts Declaration

Guidance on using this template

This template is mandatory for Applicants targeting Credit 2.3 Health Impacts Declaration in the SSA Certification Program. Applicants are to complete this template for the downstream life cycle stages (transport, installation, use and maintenance, and end of life) of the product. The intent of the declaration is to ensure the safety of all downstream handlers and users of the final product once it is manufactured. This template does not address the manufacturing (fabrication, roll forming, processing etc) stage of the product.

Applicants are to identify and address all existing and potential biological, chemical and physical hazards for each downstream lifecycle phase. Applicants should provide supporting documentation (e.g Safety Data Sheet (SDS), risk assessments, hazardous chemicals register) to justify the information included in this template. All hazards and mitigating actions should be clearly explained within the text boxes in this template. Please note that known hazards of the product must be addressed, even if these have not been included in an SDS (if available).

Glossary of terms

Biological Hazards

Any biological substance that poses a threat to the health of people, animals, or the environment. These hazards can include bacteria, viruses, biological toxins, fungi, or bio-active substances etc.

Chemical Hazards

Any chemical substance or mixture that can pose a threat to human health, safety or the environment. Chemical hazards can be solid, liquid, or gas, and can cause harm to anyone directly exposed, usually through inhalation, ingestion, or direct contact to the skin.

Health Hazards

A health hazard is a biological, chemical, or physical factor that can have either short or long-term negative impacts on human health. This includes contaminated drinking water, exposure to toxic or carcinogenic substances, to dust or mould, to viruses or contagious diseases etc.

Physical Hazards

A hazard that can cause physical harm with contact. This could include working in conditions that are too hot or too cold, vibration and noise hazards, working with explosive or flammable materials, manual handling, sharp objects, trip hazards etc.

Safety Data Sheet (SDS)

A safety data sheet contains comprehensive information about the properties of hazardous substances, the potential risks to health and safety, and how to manage these risks.

General Information

Company and Site Name: Bestbar Pty Ltd

Targeting Level 2B ☐ **Targeting Level 3** ☒

Product Name: Reinforcement Bar

Description of product:

Reinforcement bars(rebar) are steel bars specifically manufactured for the construction industry for concrete support. The surface of reinforcement bar is often deformed to increase bonding with concrete. At Wire Industries we process rebars (cut, bend, straighten) as per customer requirements in accordance with building plans. The product confirms to the requirements of AS/NZS: 4671:2019 and processed in accordance with AS3600:2018 Concrete Structures, AS 5100.5:2017 Bridge Design.

Submission Requirements

Safety Data Sheet

Is a Safety Data Sheet (SDS) available for the **finished product**?

- ☐ Yes – If an SDS is available for the **finished product**, Applicants are to attach this with their submission for this credit, ensuring all hazards, risks and controls have been clearly identified in the SDS. A summary of the SDS information is to be included in this template submission.
- ☒ No – If an SDS cannot be provided for the **finished product**, Applicants must clearly identify all existing and potential hazards associated with each downstream life cycle stage for the product. The method of identification of the hazard and the safeguards to mitigate the identified hazards are also to be provided.

Lifecycle phases to be assessed

Identify and assess the physical and chemical hazards of the product in each of the following lifecycle phases in the Physical Hazards and Chemical Hazards tables below:

- Transport
- Installation
- Use and maintenance
- End of life

Clearly described all hazards and risks in the box below

All hazards and risks are to be clearly explained. All hazard statements and mitigation measures must be included here and/or in the sections below.

Health Impact - Physical Hazards

List the identified physical hazards for the relevant lifecycle phases, an example is provided below:

Health Impact Identified	Method of Identification	Safeguards	Transport	Installation	Use and Maintenance	End of life
Personal Injury – fall from height.	Risk assessment – risk identification by clients and internal risk assessment.	All delivery vehicle fitted with engineered approved fall protection device. Delivery drivers inducted on working at height associated risk. Delivery of reinforcement bar/mesh Safe Work Method Statement developed and acknowledge by stakeholders. Load platforms and/or loading at ground level take place at Bestbar sites.	x			
<i>Personal Injury-laceration and cuts from bar sharp edges</i>	Risk assessment, SRIA safety alert and industry communication.	Maintenance inspection of all machines. Time interval of change/rotation of shear/cutting blades. Routine QA inspection of finished products before dispatch. Use of industry rated hand protection gloves and site-specific PPE requirements to be adhered to.		x		x
<i>Personal injury – musculoskeletal, crush.</i>	Risk assessment	Bundled products are clearly identified with dimensions and weight. Pre slung to reduce/eliminate repetitive take injury. Crane bins used for delivery of smaller fitments. Mechanical lifting aid DO Not Lift Using Tie Wire	x	x		x

Additional information:

Provide any additional information on the physical hazards identified above that were not captured in the table. Ensure all relevant safeguards are clearly detailed

Supporting documentation

List documentation to support the above statements and upload the evidence in Credit 2.3.

Supporting Documentation <i>Name of document and location in submission</i>	Reference <i>Page no. or section of supporting document</i>	Description of Evidence
Safe Work Method Statement Delivery of Reinforcement Steel and Mesh	<i>Document</i>	Risk assessment undertaken by Bestbar

Health Impact - Chemical Hazards

List the identified chemical hazards for the relevant lifecycle phases:

Health Impact Identified	Method Of Identification	Safeguards	Transport	Installation	Use and Maintenance	End of life
				✓		

Additional information:

Provide any additional information on the chemical hazards identified above that were not captured in the table. Ensure all relevant safeguards are clearly detailed.

Supporting documentation

List documentation to support the above statements and upload the evidence in Credit 2.3.

Supporting Documentation <i>Name of document and location in submission.</i>	Reference <i>Page no. or section of supporting document.</i>	Description of Evidence

Version control

Version	Document Name	Date	Changes	Author	Reviewer
1	Health Impacts Declaration	13/12/22	For use	KJ	JB
1.1	Health Impacts Declaration	17/11/23	Allowed permissions to edit all relevant areas	JB	nil
1.2	Health Impacts Declaration	22/11/23	Resized text boxes to fit text	JB	nil
1.3	SSA Credit 2.3 - Health Impacts Declaration	01/08/24	Changed document name. Revised permissions to edit relevant areas & formatting amendments	MC	nil
1.4	SSA Credit 2.3 - Health Impacts Declaration	01/01/2025	Revised format on page 1 to improve user experience	MC	nil