



A health product declaration (HPD) is a standardized format for reporting product contents and associated health information. HPDs are used in the building and construction industry to assess the health impacts of building materials and products. HPDs are designed to promote transparency and help manufacturers, architects, and builders make informed decisions about the products they use in construction projects.

HPDs provide detailed information about the composition of a product, including a list of all the ingredients and any potential hazards associated with those ingredients. This transparency helps consumers and professionals understand what chemicals or substances are present in a product. HPDs often include an assessment of the potential health hazards associated with the product's ingredients. This can help users evaluate the health risks and make choices that align with their sustainability and health goals.

Architects, builders, and project managers can use HPDs to compare various products and select those that meet specific health and sustainability criteria. In some cases, regulatory bodies or green building certification programs may require the submission of HPDs as part of the product documentation. Compliance with these requirements can be crucial for product manufacturers looking to sell their products in specific markets or to certain clients.

The American Galvanizers Association developed two Health Product Declarations for hot-dip galvanized steel. For hot-dip galvanized steel, the HPD is based on the type of zinc in the galvanizer's kettle. There are three types of zinc used in North America: prime western, high-grade, and special high-grade. High-grade and special high-grade do not have significant differences and do not have any harmful substances that need to be reported at the 1000 ppm threshold. For that reason, they are combined into one HPD. Prime Western, which has more significant differences in its chemistry due to its recycled content, is published on a separate HPD<sup>1</sup>. Please visit [galvanizeit.org](https://galvanizeit.org) to download these documents.

HPDs are recognized by LEED® and other market-based systems and contribute to credits towards building certification.

## SUMMARY

HPDs are essential tools for assessing the health and environmental impact of manufactured products, especially in the construction industry. They promote transparency, enable informed decision-making, and contribute to the selection of products that align with sustainability and health goals, making them an integral part of the broader effort to create healthier and more sustainable built environments.

While we strive to provide accurate and up-to-date information, the intricacies of LEED certification may change, and individual project circumstances may vary, making it essential to consult with a knowledgeable professional for precise and tailored advice. For more information on LEED® certification visit [usgbc.org](https://usgbc.org).

### References

1. "Health Product Declaration (HPD)" [galvanizeit.org/hot-dip-galvanizing/is-galvanizing-sustainable/hdg-and-leed/health-product-declaration-hpd](https://galvanizeit.org/hot-dip-galvanizing/is-galvanizing-sustainable/hdg-and-leed/health-product-declaration-hpd) Retrieved 30 October 2023.