



Customer Verification Form for Safe Handling, Use and Storage of Silicon Hydride (SiH) Containing Products

Customer Name (the “Company”):

Customer Location:

Customer Representative:

Dow Product(s):

Sold-to Number:

Ship-to/end-user Number:

***Please note:** This verification form, once completed and returned to your Dow representative will enable your company to purchase the indicated SiH containing Dow products. If, in the future, your company purchases different SiH containing products, you agree to ensure that the same safeguards and considerations are in place, and that your employees are aware of the hazards of each product.*

This form will assist Dow and you, our customer, in reviewing your technical knowledge of Silicon Hydride Containing (SiH) products and your plan to communicate to your employees the safe handling and reactive characteristics of SiH functional materials.

You agree that this review is not a comprehensive evaluation of your facility and that it will not be considered as a site quality, environmental or safety inspection. You agree that understanding all EHS and legal requirements for your facility is your responsibility; as is detecting and correcting all applicable deficiencies.

Place a checkmark by each item reviewed and made available to all your employees who handle or process these materials.

A Product Safety Data Sheet (SDS) for each product of interest.

B “Safe Handling of Silicon Hydride Containing Polysiloxanes” brochure by Dow. Referred to hereafter as “Safe Handling Brochure”

C “Materials Handling Guide: Hydrogen-Bonded Silicon Compounds” document published by the Global Silicones Council (July 2016) [Materials Handling Guide: Hydrogen-Bonded Silicon Compounds - Global Silicones Council](#)

Safe Handling of SiH Containing Products

Description of Health Hazards

1. From reading the product SDS's, the "Description" Section of the Safe Handling Brochure and the "Materials Handling Guide: Hydrogen-Bonded Silicon Compounds" document, do you have a sufficient understanding of the definition as well as of the health hazards of a Silicon Hydride or SiH Siloxane as it is used in these documents?

YES _____

Chemical Reactivity

2. In your operations do you keep the SiH containing products in their original containers?

YES _____, skip to question 10; NO _____, proceed to next question.

3. Have you reviewed the materials that can react with or be incompatible with the SiH containing products you intend to use, and do you understand that appropriate safeguards to prevent unintentional mixing or exposure to these materials should be in place in your operation?

YES _____

4. If you are reacting, chemically processing or modifying the SiH containing products, do you understand the type of reactions that will occur in your process, and what hazards these reactions can create?

YES _____ NO REACTIONS, CHEMICAL PROCESSING OR MODIFICATIONS _____

Equipment Design

5. Do you understand the potential hazards and do you understand your controls to mitigate identified hazards. (Example: ventilation, purging, inerting, bonding, grounding, cooling systems, vented containers and vessels, etc.)

YES _____

Operating Procedures

6. After careful review of the Operating Procedures section of the Safe Handling Guide and an onsite review of your process by, or with, operating personnel, do you understand the need to review your operating procedures to insure that they address the special considerations for SiH containing products?

YES _____

7. Do you understand the need to have equipment cleanout procedures to minimize contamination and the unintended generation of hydrogen gas from mixing with incompatible reactive materials during cleanout?

YES _____

Packaging

8. If you transfer the product to another container, do you understand the need to use only clean, non-glass containers with vented closures that prevent pressurization?

YES _____

Fire Protection

9. Have you reviewed the Fire Protection section of the Safe Handling Brochure, the product SDS's, and the "Materials Handling Guide: Hydrogen-Bonded Silicon Compounds" document and do you understand the need to review the storage locations, engineering controls, and other fire protection measures as described in this section?

YES _____

10. Do you understand the need to identify the correct fire extinguishing agent(s) and procedures to use with your SiH containing materials in the event of a fire?

YES _____

Environmental Issues and Disposal

11. After reviewing the Safe Handling Brochure, the product SDS's and the "Materials Handling Guide: Hydrogen-Bonded Silicon Compounds" document, do you (or a contracted third party) understand the need to identify an appropriate method to address spills of the specific products you intend to use?

YES _____

12. Do you understand the need to have the correct waste disposal procedures to use for any SiH containing waste materials including shipping containers and contaminated process items (such as rags, solvents, transfer containers, etc), and do you understand the need to implement these procedures?

YES _____

Additional Information:

Please contact your Dow representative for further assistance or if you need more information on the SiH materials or safe handling practices.

The Company certifies that the information provided and representations made in this form are true and accurate. The Company agrees to follow the recommendations for safe handling of SiH containing products and to provide adequate training to its employees and any other users of this material, such as contractors, for the safe handling of SiH containing products as a part of the Company's operations.

I am an authorized representative of the Company.

Signature of Authorized Representative	Printed Name	Date
