



THE HANSON GROUP. LLC  
GOOD PEOPLE, GREAT SCIENCE

# SAFETY DATA SHEET

## PolyStab™ 100

### SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

<b>Product identifier:</b>	PolyStab™ 100
<b>Other means of identification:</b>	Mixture of UV protective additives
<b>Chemical use and restrictions:</b>	For use in formulating and coating For use only by a professional formulator or coater
<b>Manufacturer:</b>	The Hanson Group, LLC 3044 Adriatic Court Peachtree Corners, GA 30071 770-495-9554
<b>24 Hour emergency response</b>	CHEMTREC 800-424-9300

### SECTION 2. HAZARD(S) IDENTIFICATION

#### Emergency Overview

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

Pictogram



GHS Label elements, including precautionary statements

Signal word      Warning

## Hazard statements:

### Hazard statement(s)

- H302 Harmful if swallowed.  
H315 Causes skin irritation  
H412 Harmful to aquatic life with long lasting effects.

### Precautionary statement(s)

- P264 Wash skin thoroughly after handling.  
P270 Do not eat, drink or smoke when using this product.  
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.  
P301 + P312 IF SWALLOWED: Call a POISON CENTER or doctor/ physician if you feel unwell.  
P301 + P330 + P331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting.  
P303 + P361 + P353 IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower.  
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P501 Dispose of contents/ container to an approved waste disposal plant.

## Labelling (2006/121/EC, 1999/45/EC):

Hazards not otherwise classified (HNOC) or not covered by GHS – None

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	Wt. %	CAS
Trade Secret *	Trade Secret *	Trade Secret *
Trade Secret *	Trade Secret *	Trade Secret *

\*The specific chemical identity and/or exact percentage (concentration) of this composition has been withheld as a trade secret.

## SECTION 4. FIRST-AID MEASURES

**Precautions:** First aid providers should avoid direct contact with this chemical. Wear protective equipment as necessary.

**Eye contact:** Flush immediately with plenty of water, also under the eyelids, for at least 15 minutes. Consult a physician.

**Skin contact: REMOVE FROM SKIN IMMEDIATELY.** Take off all contaminated clothing immediately. Remove adhering matter immediately. Use waterless hand cleaner. Then wash with lots of water and soap.

**After inhalation:** Remove the victim into fresh air. Symptoms include irritation of the respiratory tract of asthmatic reaction.

**After ingestion:** Do not induce vomiting without medical advice.

**Medical Attention:** Consult a physician if any of these events occur.

**General:** Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person.

## SECTION 5. FIRE FIGHTING MEASURES

**Suitable extinguishing media:** Carbon dioxide (CO<sub>2</sub>), Foam, extinguishing powder, in cases of larger fires, water spray should be used.

**Unsuitable extinguishing media:** High volume water jet

**Special hazards arising from the substance or mixture:**

Burning releases carbon monoxide, carbon dioxide, oxides of nitrogen and traces of hydrogen cyanide. In the event of fire and/or explosion do not breathe fumes. Cool endangered vessels and containers with sprayed water. Heating raises pressure with consequent risk of bursting and explosion.

**Advice for fire-fighters:**

During fire-fighting respirator with independent air-supply and airtight garment is required. Make provision for product and fire-fighting water to be retained. Do not allow contaminated extinguishing water to enter the soil, ground-water or surface waters.

**Special protective equipment:** Wear protective clothing. In case of respirable dust and/or fumes, use self-contained breathing apparatus.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

**SMALL SPILL:** Dike area to contain spill. Take precautions as necessary to prevent contamination of ground and surface waters. Recover spilled material on absorbent, such as diatomaceous earth, sawdust, vermiculite, or any appropriate readily available material and sweep or shovel absorbed material into closed containers for disposal. After all visible traces, including ignitable vapors, have been removed thoroughly wash the contaminated area. Do not flush to sewer. If area of spill is porous, remove as much contaminated earth and gravel, etc. as necessary and place in closed containers for disposal.

Wear the appropriate personal protective equipment designated in Section 8, remove the leaking container to a containment area and place into an appropriate container to prevent any further spill.

**LARGE SPILL:** Construct temporary dikes of dirt or sand to contain spill. Take precautions as necessary to prevent contamination of ground and surface waters. Recover spilled material on absorbent, such as diatomaceous earth, sawdust, vermiculite, or any appropriate readily available material and sweep or shovel adsorbed material into closed containers for disposal. If area of spill is porous, remove as much contaminated earth and gravel, etc. as necessary and place in closed containers for disposal.

Wear the appropriate personal protective equipment, close or cap leaking valves and/or block or plug hole in leaking container. Remove the leaking containers to a containment area and place into an appropriate container to prevent any further spill.

Contain material as described above and call the local fire, police, or appropriate emergency response provider for immediate emergency assistance.

## **ENVIRONMENTAL PRECAUTIONS**

**WATER SPILL:** Construct temporary dikes of dirt, sand, or any appropriate readily available material to prevent spreading of material into sources of water.

**GENERAL PROCEDURES:** Absorb spill with an emergency spill kit, diatomaceous earth, saw dust or equivalent inert material. Shovel up and dispose of at an appropriate waste disposal facility following applicable laws and regulations.

## **SECTION 7. HANDLING AND STORAGE**

**GENERAL PROCEDURES:** Store product in original containers. Store container in a secure cool, dry, well-ventilated area. Opened containers should be blanketed with nitrogen gas at atmospheric pressure

**HANDLING:** Use with sufficient ventilation to keep employee exposure below recommended limits. Provide adequate ventilation for storage, handling and use, especially for enclosed or low spaces. Avoid contact of liquid with eyes and prolonged skin exposure. Avoid breathing in vapors, mists, and aerosols. Do not allow product to contact open flame or electrical heating elements because dangerous decomposition products may form.

**STORAGE:** Store and warehouse product in an appropriate area or facility. Segregate like materials together to avoid negative chemical reactions. Protect materials from excessive exposure to heat. Store in a cool, well-ventilated area. Store in original container. Keep away from heat and sources of ignition. Keep away from moisture.

**INCOMPATIBLE MATERIALS:** Will react with isocyanates and acids.

**COMMENTS:** If bulging of containers occurs, transfer to a well-ventilated area and open carefully to relieve pressure then reseal.

## SECTION 8. EXPOSURE CONTROL/PERSONAL PROTECTION

### Exposure controls

#### **Respiratory protection:**

Put on full-mask respirator with filter type ABEK. Unless the product is entirely enclosed, do not handle it until you have studied the respiratory precautions issued by the appropriate authority or accident prevention association.

#### **Eye protection:**

Wear eye/face protection.

#### **Skin and body protection:**

Wear suitable protective clothing.

**COMMENTS:** Always practice "good personal hygiene" during and after use of this material, especially before eating, drinking, smoking, using the toilet, or applying cosmetics. DO NOT eat, drink, or smoke in work areas that contain hazardous chemicals.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

Appearance:	Liquid
Color:	Yellow
Odor:	Neutral
Odor	Threshold: not established

Other information: The indicated values do not necessarily correspond to the product specification. Please refer to the technical information sheet for specification data. These data do not represent technical or sales specifications.

## SECTION 10. STABILITY AND REACTIVITY

### Reactivity

Will be unreactive at normal operating temperatures.

### Chemical stability

Stable between room temperature and 120°F.

**Possibility of hazardous reactions**

None

**Conditions to avoid**

No data available

**Incompatible materials**

Strong oxidizing agents

**Hazardous decomposition products**

Other decomposition products - no data available

**SECTION 11. TOXICOLOGICAL INFORMATION****Information on toxicological effects****Respiratory or skin sensitization****Carcinogenicity**

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Possible skin irritant.

**SECTION 12. ECOLOGICAL INFORMATION**

Do not allow to escape into waterways, wastewater or soil.

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Harmful to aquatic life with long lasting effects.

**SECTION 13. DISPOSAL CONSIDERATIONS**

Dispose in accordance with applicable international, national and local laws, ordinances and statutes.

For disposal within the EC, the appropriate code according to the European Waste Catalogue (EWC) should be used.

### **Waste treatment methods**

After containers have been emptied as thoroughly as possible (e.g. by pouring, scraping or draining until "drip-dry"), they can be sent to an appropriate collection point set up within the framework of the existing take-back scheme of the chemical industry. Containers must be recycled in compliance with national legislation and environmental regulations.

None disposal into waste water.

## **SECTION 14. TRANSPORTATION INFORMATION**

DOT:DOT Status: NOT REGULATED.

DOT Shipping Name: Not Available

DOT Reportable Quantity (lbs): None

ICAO/IATA: Status: Non-Toxic

Proper Shipping Name: Not Available

UN/NA Number:

IMDG: Status: Non-Toxic

Proper Shipping Name: Non-Toxic

TDG (Canada): Status: Non-Toxic

Proper Shipping Name: Non-Toxic

## **SECTION 15. REGULATORY INFORMATION**

### **US. Toxic Substances Control Act:**

All ingredients are listed on the TSCA Inventory.

### **California Prop. 65 Components**

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

## **SECTION 16. OTHER INFORMATION**

Date written: April 29, 2015

Revision Information: No revisions

**MANUFACTURER DISCLAIMER:** This SDS to the best of our knowledge conforms to the requirements of OSHA 29 CFR 1910.1200, 91/155/EEC and summarizes the health and safety hazard information and general guidance on how to safely handle the material at the date of issue. Each user must review the SDS in the context of how the product will be handled and used in the workplace. If clarification or further information is needed to ensure that an appropriate

risk assessment can be made, the user should contact this company. Responsibility for the product sold is subject to our standard terms and conditions, a copy of which is available upon request. The Hanson Group warrants only that its products meet the specifications stated in the sales contract. Typical properties, where stated, are to be considered as representative of current production and should not be treated as specifications. While all the information presented in this document is believed to be reliable and to represent the best available data on these products, NO GUARANTEE, WARRANTY, OR REPRESENTATION IS MADE, INTENDED, OR IMPLIED AS TO THE CORRECTNESS, OR SUFFICIENCY OF ANY INFORMATION, OR AS TO THE MERCHANTABILITY OR SUITABILITY OR FITNESS OF ANY CHEMICAL COMPOUNDS OR OTHER PRODUCTS FOR ANY PARTICULAR USE OR PURPOSE, OR THAT ANY CHEMICAL COMPOUNDS OR OTHER PRODUCTS OR THE USE THEREOF ARE NOT SUBJECT TO A CLAIM BY A THIRD PARTY FOR INFRINGEMENT OF ANY PATENT OR OTHER INTELLECTUAL PROPERTY RIGHT. Some of the information presented and conclusions drawn herein are from sources other than direct test data on the product itself. Liability by this company for all claims, whether arising out of breach of warranty, negligence, strict liability, or otherwise, is limited to the purchase price of the material. Products may be toxic and require special precautions in handling. For all products listed, the user should obtain detailed information on toxicity, together with the proper shipping, handling and storage procedures, and comply with all applicable safety and environmental standards. Toxicity and risk characteristics of chemical compounds and other products may differ when used with other materials or in a manufacturing or other process. Those risk characteristics should be determined by the user and made known to handlers, processors, and end users.