



THE HANSON GROUP, LLC
GOOD PEOPLE, GREAT SCIENCE

SAFETY DATA SHEET

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

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

SECTION 2. HAZARD(S) IDENTIFICATION

Classification of the chemical in accordance with paragraph (d) of §1910.1200/GHS:
Skin sensitization Category 1B

Label elements in accordance with paragraph (d) of §1910.1200/GHS: GHS pictogram(s)



Signal word

Warning

Hazard statements:

H302 Harmful if swallowed.

H315 Causes skin irritation

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.

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. Use waterless hand cleaner. Then wash with lots of soap and water.

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 (CO₂), 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 firefighting, a 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.

SECTION 7. HANDLING AND STORAGE

GENERAL PROCEDURES: Store 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

OSHA permissible exposure limit (PEL): There are no currently occupational exposure limit values established for this substance.

ACGIH Threshold Limit Value (TLV): There are no currently threshold limit values established for this substance.

Other exposure limit recommended: Not available.

Appropriate engineering controls:

Normal ventilation for standard manufacturing procedures is generally adequate. Local exhaust should be used when large amounts are released. Mechanical ventilation should be used in low or enclosed places.

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. This data does 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 the likely routes of exposure:

Primary routes of exposure: Inhalation, eye contact; skin contact/absorption.

Relatively unlikely route of exposure: ingestion.

Symptoms related to the physical, chemical and toxicological characteristics:

Skin: May be harmful if absorbed through skin. May cause skin irritation.

Delayed and immediate effects and also chronic effects from short and long term exposure:

Short term exposure:	Potential immediate effects: No information available.
	Potential delayed effects: No information available.

Long term exposure:	Potential immediate effects: No information available. Potential delayed effects: No information available.
Potential chronic health effects:	No information available.

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.

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.

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.

No disposal in wastewater.

SECTION 14. TRANSPORTATION INFORMATION

DOT Status:	NOT REGULATED
DOT Shipping Name:	Not Applicable
DOT Reportable Quantity (lbs):	None
ICAO/IATA Status:	Non-Toxic
Proper Shipping Name:	Not Applicable
UN/NA Number:	Not Applicable
IMDG: Status:	Non-Toxic

SECTION 15. REGULATORY INFORMATION

RCRA status: Not a hazardous waste under RCRA (40

CFR 261). CERCLA status: Not listed.

SARA/TITLE III - TOXIC CHEMICALS LIST: This product does not contain a toxic chemical for routine annual toxic chemical release reporting under sec. 313 (40 CFR 372).

SECTION 16. OTHER INFORMATION

Date written: April 29, 2015

Revision Information: Aug 20, 2026

MANUFACTURER DISCLAIMER:

Shelf life: 2 years minimum in sealed containers protected from light and air. After 2 years, retest.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.