

# SAFETY DATA SHEETS

## POLYHARD PART B

### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: POLYHARD PART B  
MANUFACTURER: Incredible Products LLC. ADDRESS: 1601 McKinley Rd. St. Mary's, OH 45885  
INFORMATION PHONE: 567-297-3700 EMERGENCY PHONE: 800-424-9300  
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### SECTION 2: HAZARDOUS IDENTIFICATION

#### Classification:

Skin Irritation: Category 4  
Eye Irritation: Category 3  
Respiratory Sensitizer (Solid/Liquid): Category 4  
Skin Sensitizer: Category 4  
Carcinogenicity: N/A

**Signal Word:** Warning

#### Hazardous Statements- Health:

H320 - May cause eye irritation  
H315 - May cause skin irritation  
H317 - May cause an allergic skin reaction  
H333 - May be harmful if inhaled

#### Precautionary Statements- General:

P101 - If medical advice is needed, have a product container or label at hand.  
P102 - Keep out of reach of children.  
P103 - Read label before use.

#### Precautionary Statements- Prevention:

P264 - Wash thoroughly after handling.  
P280 - Wear protective gloves/protective clothing/eye protection/face protection.  
P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.  
P284 - <In case of inadequate ventilation> wear respiratory protection.  
P272 - Contaminated work clothing should not be allowed out of the workplace.  
P201 - Obtain special instructions before use.  
P202 - Do not handle until all safety precautions have been read and understood.

#### Precautionary Statements- Response:

P332 + P313 - If skin irritation occurs: Get medical advice/attention.  
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337 + P313 - If eye irritation persists: Get medical advice/attention.  
P304 + P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
P342 + P311 - If experiencing respiratory symptoms: Call a POISON CENTER/doctor.  
P302 + P352 - IF ON SKIN: Wash with plenty of water.  
P333 + P313 - If skin irritation or a rash occurs: Get medical advice/attention.  
P321 - Specific treatment (see section 4 on this SDS).  
P362 + P364 - Take off contaminated clothing. And wash it before reuse.  
P308 + P313 - IF exposed or concerned: Get medical advice/attention.

#### Precautionary Statements- Storage:

P405 - Store locked up.

#### Precautionary Statements- Disposal:

P501 - Dispose of contents/ container to an approved waste disposal plant.

### SECTION 3: COMPOSITION/ INFORMATION ON INGREDIENTS

INGREDIENT	CAS NO.	WEIGHT %	ACGIH TLV	OSHA STEL
Polyglycol 15 (Polymer of Glycerine)	9082-00-2	32-60	N/A N/A	N/A N/A

## SECTION 4: FIRST AID MEASURES

### **Inhalation:**

Remove the source of exposure or move the person to fresh air and keep them comfortable for breathing. If experiencing respiratory symptoms: Call a POISON CENTER/doctor. If breathing is difficult, trained personnel should administer emergency oxygen if advised to do so by the POISON CENTER/doctor. If exposed/feel unwell/concerned: Call a POISON CENTER/doctor.

### **Skin Contact:**

Take off contaminated clothing, shoes and leather goods (e.g. watchbands, belts). Gently blot away excess product. Wash with plenty of lukewarm, gently flowing water for a duration of 15-20 minutes. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before re-use or discard. IF exposed or concerned: Get medical advice/attention.

### **Eye Contact:**

Remove the source of exposure or move the person to fresh air. Rinse eyes cautiously with lukewarm, gently flowing water for several minutes, while holding the eyelids open. Remove contact lenses, if present and easy to do. Continue rinsing for a duration of 15-20 minutes. Take care not to rinse contaminated water into the unaffected eye or onto the face. If eye irritation persists: Get medical advice/attention. Avoid direct contact. Wear chemical protective gloves, if necessary.

### **Ingestion:**

Immediately call a POISON CENTER/doctor. Do NOT induce vomiting unless large amounts have been ingested. If vomiting occurs naturally, lie on your side, in the recovery position. Give 1 or 2 glasses of milk or water to drink and refer the person to medical personnel. Do not give anything by mouth to an unconscious person. IF exposed or concerned: Get medical advice/attention.

## SECTION 5: FIRE FIGHTING MEASURES

### **Suitable Extinguishing Media:**

Dry chemical, foam, carbon dioxide water spray or fog is recommended. Water spray is recommended to cool or protect exposed materials or structures. Carbon dioxide can displace oxygen. Use caution when applying carbon dioxide in confined spaces. Simultaneous use of foam and water on the same surface is to be avoided as water destroys the foam. Sand or earth may be used for small fires only.

### **Unsuitable Extinguishing Media**

If water is used, use very large quantities of cold water. The reaction between water and hot isocyanate may be vigorous. Water and foam may cause violent frothing and possibly endanger the life of the fire fighter.

### **Specific Hazards in Case of Fire:**

Water contamination will produce carbon dioxide. Do not reseal contaminated containers as pressure buildup may rupture them. Excessive pressure or temperature may cause explosive rupture of containers. Exposure to vapors of heated isocyanates can be extremely dangerous.

### **Fire-fighting Procedures:**

Isolate immediate hazard areas and keep unauthorized personnel out. Stop spill/release if it can be done safely. Move undamaged containers from the immediate hazard area if it can be done safely. Water spray may be useful in minimizing or dispersing vapors and to protect personnel. Water may be ineffective but can be used to cool containers exposed to heat or flame. Caution should be exercised when using water or foam as frothing may occur, especially if sprayed into containers of hot, burning liquid. Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

### **Special Protective Actions:**

Wear NIOSH approved self-contained breathing apparatus in positive pressure mode with a full-face piece. Boots, gloves (neoprene), goggles, and full protective clothing are also required. Care should always be exercised in dust/mist areas.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### **Emergency Procedure:**

Keep unnecessary people away; isolate the hazard area and deny entry. Do not touch or walk through spilled material. Clean up immediately. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area).

### **Recommended Equipment:**

Positive pressure, full-face piece self-contained breathing apparatus (SCBA), or positive pressure supplied air respirator with escape SCBA (NIOSH approved).

### **Personal Precautions:**

Avoid breathing vapors. Avoid contact with skin, eyes or clothing. Do not touch damaged containers or spilled materials unless wearing appropriate protective clothing.

#### **Environmental Precautions:**

Stop spill/release if it can be done safely. Prevent spilled material from entering sewers, storm drains, other unauthorized drainage systems and natural waterways by using sand, earth, or other appropriate barriers.

## **SECTION 7: HANDLING AND STORAGE**

#### **GENERAL:**

Wash hands after use.  
Do not get in eyes, on skin or on clothing.  
Do not breathe vapors or mists.  
Use good personal hygiene practices.  
Eating, drinking and smoking in work areas is prohibited.  
Remove contaminated clothing and protective equipment before entering eating areas.

#### **Ventilation Requirements:**

Use only with adequate ventilation to control air contaminants to their exposure limits. The use of local ventilation is recommended to control emissions near the source.

#### **Storage Room Requirements:**

Keep container(s) tightly closed and properly labeled. Store in cool, dry, well-ventilated areas away from heat, direct sunlight, strong oxidizers and any incompatibilities. Store in approved containers and protect against physical damage. Keep containers securely sealed when not in use. Empty containers retain residue and may be dangerous.

## **SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

#### **EYE PROTECTION:**

Wear eye protection with side shields or goggles. Wear indirect-vent, impact and splash resistant goggles when working with liquids. If additional protection is needed for the entire face, in combination with a face shield.

#### **SKIN PROTECTION:**

Use of gloves approved to relevant standards made from the following materials may provide suitable chemical protection: PVC, neoprene or nitrile rubber gloves. Suitability and durability of a glove is dependent on usage, e.g. frequency and duration of contact, chemical resistance of glove material, glove thickness, and dexterity. Always seek advice from glove suppliers. Contaminated gloves should be replaced. Use of an apron and over-boots of chemically impervious materials such as neoprene or nitrile rubber is recommended to avoid skin sensitization. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace. Launder soiled clothes or properly disposed of contaminated material, which cannot be decontaminated.

#### **RESPIRATORY PROTECTION:**

If engineering controls do not maintain airborne concentrations to a level which is adequate to protect workers, a respiratory protection program that meets or is equivalent to OSHA 29 CFR 1910.134 and ANSI Z88.2 should be followed. Check with respiratory protective equipment suppliers. When airborne concentrations exceed or are expected to exceed the TLV, use MSHA/NIOSH approved positive pressure supplied air respirator with a full-face piece or an air supplied hood. For emergencies, use a positive pressure self-contained breathing apparatus. Air purifying (cartridge type) respirators are not approved for protection against isocyanates.

#### **APPROPRIATE ENGINEERING CONTROLS:**

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value.

## **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

#### **SPECIFIC GRAVITY:**

1.01

#### **BOILING POINT:**

100°C

#### **EVAPORATION RATE:**

Slower than ether

#### **VAPOR DENSITY:**

Heavier than air

#### **SOLUBILITY IN H<sub>2</sub>O:**

N/A

## SECTION 10: STABILITY AND REACTIVITY

### STABILITY:

Stable

### CONDITIONS TO AVOID:

Heat, high temperature, open flame, sparks, and moisture. Contact with incompatible materials in a closed system will cause liberation of carbon dioxide and buildup of pressure.

### HAZARDOUS REACTIONS/POLYMERIZATION:

Will not occur under normal conditions but under high temperatures in the presence of alkalis, tertiary amines, and metal compounds will accelerate polymerization. Possible evolution of carbon dioxide gas may rupture closed containers.

### INCOMPATIBLE MATERIALS:

Can react vigorously with strong oxidizing agents and strong Lewis acids or mineral acids.

### HAZARDOUS DECOMPOSITION PRODUCTS:

CO<sub>2</sub>, Aldehydes, Acids, Reaction with some curing agents can generate large amounts of heat.

## SECTION 11: TOXICOLOGICAL INFORMATION

N/A

## SECTION 12: ECOLOGICAL INFORMATION

### Ecotoxicity

#### Chemical Name

Algae/aquatic plants

Fish

Crustacea

N/A

#### Persistence and degradability

N/A

#### Bioaccumulation

N/A

#### Chemical Name

Partition coefficient

#### Other adverse effects

N/A

## SECTION 13: DISPOSAL CONSIDERATIONS

### Waste Disposal:

Waste management should be in full compliance with federal, state, and local laws.

## SECTION 14: TRANSPORTATION INFORMATION

### U.S. DOT Information:

Not regulated

### IMDG Information:

Not regulated

### IATA Information:

Not regulated

## SECTION 15: REGULATORY INFORMATION

### International Inventories

**TSCA**

Does not comply

**DSL/NDSL**

Does not comply

**EINECS/ELINCS**

Does not comply

**ENCS**

Does not comply

**IECSC**

Does not comply

**KECL**

Does not comply

**PICCS**

Does not comply

**AICS**

Does not comply

**Legend:**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

**ENCS** - Japan Existing and New Chemical Substances

**IECSC** - China Inventory of Existing Chemical Substances

**KECL** - Korean Existing and Evaluated Chemical Substances

**PICCS** - Philippines Inventory of Chemicals and Chemical Substances

**AICS** - Australian Inventory of Chemical Substances

### US Federal Regulations

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986,

### SARA 311/312 Hazard Categories

**Acute health hazard**

No

**Chronic Health Hazard**

No

**Fire hazard**

No

### US State Regulations

**California Proposition 65**

N/A

### U.S. State Right-to-Know Regulations

### U.S. EPA Label Information

## SECTION 16: OTHER INFORMATION

**DISCLAIMER:**

The information contained herein is based on the data available and is believed to be accurate, however, the manufacturer makes no warranty expressed or implied regarding the accuracy of this data or the results obtained from the use thereof. Accordingly, we assume no responsibility for injury from the use of this product.