

Section 1: Identification of the Substance/Mixture and of the Company/Undertaking

1.1 Product identifier Product Name

• UHTR-IPA Resin

1.2 Relevant identified uses of the substance or mixture and uses advised against

Relevant identified use(s) • No data available

1.3 Details of the supplier of the safety data sheet

Manufacturer Techneglas, LLC
2100 N Wilkinson Way
Perrysburg, OH 43551
United States <http://www.dyna-glas.com/>
Telephone (General) • (419) 873-2000

1.4 Emergency telephone number

Manufacturer • 1-800-424-9300 - Chemtrec
Manufacturer • +01-703-527-3887- Chemtrec

Section 2: Hazards Identification

EU/EEC

According to: Regulation (EC) No 1272/2008 (CLP)/REACH 1907/2006 [amended by 2015/830]

2.1 Classification of the substance or mixture

CLP • Product considered non-hazardous

2.2 Label Elements

CLP

2.3 Other Hazards

CLP • No data available

UN GHS Revision 3

According to: UN Globally Harmonized System of Classification and Labelling of Chemicals (GHS): Third Revised Edition

2.1 Classification of the substance or mixture

UN GHS • Product considered non-hazardous

2.2 Label elements

UN GHS

Hazard statements • Product considered non-hazardous

Precautionary statements

- Prevention** • Wear eye/face protection - Safety glasses, face shield. Wear protective gloves - Impervious to material.
- Response** • IF ON SKIN: Wash with plenty of soap and water.
- Storage/Disposal** • Store in a cool dry place.

2.3 Other hazards

UN GHS • Product considered non-hazardous

United States (US)

According to: OSHA 29 CFR 1910.1200 HCS

2.1 Classification of the substance or mixture

OSHA HCS 2012 • Product considered non-hazardous

2.2 Label elements

OSHA HCS 2012

2.3 Other hazards

OSHA HCS 2012 • Product considered non-hazardous.

Section 3 - Composition/Information on Ingredients

3.1 Substances

3.2 Mixtures

Composition					
Chemical Name	Identifiers	%	Hazardous	LD50/LC50	Classifications According to Regulation/Directive
Polysiloxane Blend	<i>Proprietary</i>	<= 70%	No		EU CLP: UN GHS Revision 3: OSHA HCS 2012:
Isopropyl alcohol		Balance	No		EU CLP: EUH066; Eye Irrit. 2, H319; Skin Sens. 1B, H317; Asp. Tox. 1, H304; STOT RE 1, H372; STOT SE 3: Narc., H336; STOT SE 3: Resp. Irrit., H335; Flam. Liq. 2, H225; EUH018; Repr. 2, H361 UN GHS Revision 3: Skin Irrit. 3; Eye Irrit. 2; Skin Sens. 1B; Asp. Tox. 1; Acute Tox. Oral 5; STOT RE 1; Flam. Liq. 2; Repr. 2 OSHA HCS 2012: Eye Irrit. 2; Skin Sens. 1B; Asp. Tox. 1; STOT RE 1; STOT SE 3: Narc.; STOT SE 3: Resp. Irrit.; Flam. Liq. 2; Repr. 2

Section 4 - First Aid Measures

4.1 Description of first aid measures

Inhalation

- IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

Skin

- Wash the contaminated area of body with soap and fresh water. If skin irritation occurs: Get medical advice/attention.

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- Eye**
- Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first five minutes, then continue rinsing eye.
- Ingestion**
- If ingested, call control center or doctor immediately for treatment advice.

4.2 Most important symptoms and effects, both acute and delayed

- No data available

4.3 Indication of any immediate medical attention and special treatment needed

See Section 2 for Potential Health Effects.

Section 5 - Firefighting Measures

5.1 Extinguishing media

Suitable Extinguishing Media

- **SMALL FIRES:** Dry chemical, CO₂, water spray or regular foam.
LARGE FIRE: Water spray, fog or regular foam.

Unsuitable Extinguishing Media

- No data available.

Firefighting Procedures

- **LARGE FIRES:** Dike fire control water for later disposal; do not scatter the material.
LARGE FIRES: Move containers from fire area if you can do it without risk.
Ventilate closed spaces before entering.

5.2 Special hazards arising from the substance or mixture

Unusual Fire and Explosion Hazards

- Some of these materials may burn, but none ignite readily.

Hazardous Combustion Products

- Oxides of carbon, silicon dioxide, water.

5.3 Advice for firefighters

- Structural firefighters' protective clothing provides limited protection in fire situations ONLY; it is not effective in spill situations where direct contact with the substance is possible.
Wear positive pressure self-contained breathing apparatus (SCBA).

Section 6 - Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal Precautions

- **CAUTION:** Victim may be a source of contamination. Do not touch or walk through spilled material.

Emergency Procedures

- As an immediate precautionary measure, isolate spill or leak area for at least 50 meters (150 feet) in all directions. Keep out of low areas. Ventilate closed spaces before entering.

6.2 Environmental precautions

- **LARGE SPILLS:** Prevent entry into waterways, sewers, basements or confined areas. Runoff from fire control may cause pollution.

6.3 Methods and material for containment and cleaning up

Containment/Clean-up Measures

- Use appropriate Personal Protective Equipment (PPE)
LARGE SPILLS: Dike far ahead of spill for later disposal.
SMALL SPILLS: Take up with sand or other non-combustible absorbent material and place into containers for later disposal.
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6.4 Reference to other sections

- Refer to Section 8 - Exposure Controls/Personal Protection and Section 13 - Disposal Considerations.

Section 7 - Handling and Storage

7.1 Precautions for safe handling

Handling • Use good safety and industrial hygiene practices. Use only with adequate ventilation.

7.2 Conditions for safe storage, including any incompatibilities

Storage • Store in a cool dry place.

7.3 Specific end use(s)

- Refer to Section 1.2 - Relevant identified uses.

Section 8 - Exposure Controls/Personal Protection

8.1 Control parameters 8.2 Exposure controls

Engineering • Adequate ventilation systems as needed to control concentrations of airborne **Measures/Controls** contaminants below applicable threshold limit values.



Personal Protective Equipment Pictograms

- Respiratory** • No data available
- Eye/Face** • Wear protective gloves/protective clothing/eye protection/face protection.
- Hands** • Wear appropriate gloves.
- Skin/Body** • Wear protective gloves/protective clothing/eye protection/face protection.
- General Industrial Hygiene Considerations** • Handle in accordance with good industrial hygiene and safety practice.

Environmental Exposure Controls • No data available

8.3 Other Information

- Wear suitable protective clothing, gloves, and eye/face protection.

Section 9 - Physical and Chemical Properties

9.1 Information on Basic Physical and Chemical Properties

Material Description			
Physical Form	Liquid	Color	Clear liquid with slight color.
Odor	Organic, alcohol odor.		
General Properties			
Boiling Point	Not relevant	Decomposition Temperature	> 400 °C(> 752 °F)
pH	Not relevant	Specific Gravity/Relative Density	= 1.14 Water=1
Water Solubility	Not soluble	Viscosity	120 Centipoise (cPs, cP) or mPas
Flammability			

Flash Point	> 70 °C(> 158 °F)	UEL	No data available
LEL	No data available	Autoignition	> 230 °C(> 446 °F)
Environmental			
Octanol/Water Partition coefficient	No data available		

9.2 Other Information

- No data available

Key to abbreviations

NDA = No Data Available

Section 10: Stability and Reactivity

10.1 Reactivity

- No data available

10.2 Chemical stability

- Stable under normal temperatures and pressures.

10.3 Possibility of hazardous reactions

- May polymerize.

10.4 Conditions to avoid

- High Temperatures.

10.5 Incompatible materials

- No data available.

10.6 Hazardous decomposition products

- No data available.

Section 11 - Toxicological Information

11.1 Information on toxicological effects

Section 12 - Ecological Information

12.1 Toxicity

- No data available

12.2 Persistence and degradability • No data available. **12.3 Bioaccumulative potential** • No data available. **12.4 Mobility in Soil**

- No data available.

12.5 Results of PBT and vPvB assessment

- No data available

12.6 Other adverse effects

Potential Environmental • No data available. **Effects**

Section 13 - Disposal Considerations

13.1 Waste treatment methods

Product waste • Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Packaging waste • Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

13.2 Other Information

• Prevent release to the environment.

Section 14 - Transport Information

14.6 Special precautions for • No data available

Section 15 - Regulatory Information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

SARA Hazard Classifications • No data available

Environment

Inventory		
Component	CAS	TSCA
Polysiloxane Blend	Proprietary	Yes

United States

15.2 Chemical Safety Assessment

• No data available

Section 16 - Other Information

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