

SAFETY DATA SHEET - PowerTech Thin Resin

SECTION 1. PRODUCT IDENTIFICATION AND SUPPLIER		Supplier's Details:	AGS Industries, Inc dba, AutoglasSolutions 411 Greenfield Dr. Unit 6A Tiffin, IA 52340 (563) 299-0144 www.autoglassolutions.com
Product identifier: PowerTech Thin Resin PTT1537, PTT1538 Other means of ID: UV Cure Resin Product type: Liquid Recommended uses: Windshield repair Restrictions on use: No data available		 Emergency phone number: CHEMTREC (800) 424-9300 (24 HOURS A DAY) International: +1-703-527-3887	
Section 2. HAZARDS IDENTIFICATION		Response :	IF INHALED: Remove victim to fresh air. SWALLOWED: Rinse mouth. Do NOT induce vomiting. Call a poison center or physician. ON SKIN (or hair): Take off all contaminated clothing. Rinse skin with water or shower. IN EYES: Rinse cautiously with water.; Remove contact lenses, if present. Continue rinsing.
Classification of the substance or mixture: Considered hazardous by the 2012 OSHA Hazard Com Stds (29 CFR 1910.00) EYE IRRITATION - Category 2 SKIN SENSITIZATION - ALLERGIC REACTION - Category 2 TOXIC TO AQUATIC LIFE – Category 2 SKIN CORROSION/IRRITATION - Category 2		Storage:	Store locked up. Store in original container.
GHS label elements hazard pictograms: 		Disposal:	Dispose of contents and container in accordance with all local, regional, national and international regulations.
Hazard Statements General: RESPIRATORY IRRITATION - CATEGORY 2 Prevention: Wear protective gloves. Wear eye or face protection.		Hazards Not	Otherwise Classified: None known.
Signal word: Warning			
Section 3. COMPOSITION/INFORMATION ON INGREDIENTS		Chemical Name	%
Substance/mixture: Mixture Other means of Identification: Not Available Product code : Not Applicable		2-Hydroxyethyl Methacrylate	Proprietary
		Acrylic Acid	Proprietary
		Silane Coupling Agent	Proprietary
		CAS Number	868-77-9
			79-10-7
			2530-83-8
		The chemical identity and exact percentage of the composition has been withheld as it is a trade secret. There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health and hence require reporting in this section.	
Section 4. FIRST AID MEASURES			
Necessary First Aid Measures			
Eye contact:	Flush eyes with plenty of water, Check for and remove any contact lenses. Continue to rinse for at least 20 minutes. Get medical attention.		
Inhalation:	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention.		
Skin contact:	Flush contaminated skin water. Get medical attention.		
Ingestion:	Wash out mouth with water. Do not induce vomiting. Get medical attention.		
Most Important Symptoms/Effects.			
Eye contact:	Causes serious eye damage		
Inhalation:	Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.		
Skin contact:	Causes skin irritation		
Ingestion:	May be irritating to mouth, throat and stomach		
Indication of Immediate Medical Attention and Special Treatment Needed, If Necessary			
Notes to physician:	Treat symptomatically. Contact poison Treatment specialist. In case of inhalation of decomposition products in a fire, symptoms may be delayed.		
Section 5. FIRE-FIGHTING MEASURES			
Extinguishing Media			
Suitable:	Water spray, dry chemical, or foam		
Unsuitable:	Do not use a solid water stream as it may scatter and spread fire.		
Specific hazards arising from chemical:	Carbon dioxide, carbon monoxide, oxides on nitrogen		
Hazardous thermal decomposition products:	Decomposition products may include the following materials: carbon dioxide, carbon monoxide, nitrogen oxides.		
Special protective actions for fire-fighters:	Isolate scene by removing all persons from vicinity. No action shall be taken involving any personal risk or without suitable training.		
Special protective equipment for fighters:	Fire-fighters should wear protective equipment, self-contained breathing apparatus (SCBA) full face-piece operated in positive pressure mode.		
Section 6. ACCIDENTAL RELEASE MEASURES			
Personal Precautions, Protective Equipment and Emergency Procedures			
Personal precautions:	No action shall be taken involving any personal risk or without suitable training. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate.		
Emergency responders:	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials.		
Environmental Precautions:	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, aquatic waterways, soil or air).		
Methods and materials for containment and cleaning up spills:	Move containers from spill area. Prevent entry into sewers, water courses. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product.		
Section 7. HANDLING AND STORAGE			
Precautions for Safe Handling			
Protective measures:	Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Keep in the original container, kept tightly closed when not in use.		
Advice on general conditions for safe storage, including incompatibilities:	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Wash hands and face before eating, or smoking. Store in accordance with local regulations. Store protected from direct sunlight in a dry, cool and well-ventilated area. Keep away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. Store away from oxidizing agents. Avoid light, moisture, sunlight, uv light.		

Section 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Precautions for Safe Handling**

Protective measures: Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Keep in the original container, kept tightly closed when not in use.

Advice on general conditions for safe storage: Store in accordance with local regulations. Store protected from direct sunlight in a dry, cool and well-ventilated area. Keep away from incompatible materials (see Section 10) and food and drink. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

Control parameters occupational exposure limits: Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Wash hands and face before eating, or smoking. Wear suitable eye protection, ventilate work area to avoid vapors.

Environmental controls: Do not discard or dispose of in aquatic environments

Section 9. PHYSICAL AND CHEMICAL PROPERTIES**Appearance**

Physical state: Liquid
Color: Clear
Odor: Mild Odor
Odor Threshold: Not available
pH: Not available
Melting/freezing point: Not available
Boiling point/range: 176F
Flash point: >200°F
Evaporation rate: Not available
Flammability (solid, gas): Not available

Lower and upper explosive (flammable) limits:

Vapor pressure: 6 mmHg [Details: CONDITIONS: @ 30 C.]
Vapor density: >=1.0 [Ref Std: AIR=1]
Relative density: 1.05 g/ml
Solubility: Slight
Auto-ignition temperature: Not available
Decomposition temperature: Not available
Viscosity: 10cps

Section 10. STABILITY AND REACTIVITY

Reactivity: No specific test data related to reactivity available for this product or its ingredients
Chemical stability: The product is stable
Hazardous reactions: Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid: Protect from sunlight, uv light and heat.
Incompatible materials: Strong oxidizing agents, strong acids.
Hazardous decomposition products: None known.

Section 11. TOXICOLOGICAL INFORMATION

Exposure routes: Eye contact, dermal contact, ingestion, inhalation
Acute toxicity
Eyes: Eye corrosive (OECD 405)
Skin: Mild skin irritant (OECD 404)
Ingestion: May be irritating to mouth, throat and stomach.
Inhalation: May drowsiness or dizziness.

Sensitization: There is no data available
Carcinogenicity: Not listed as a carcinogen by OSHA, NTP, IARC
Mutagenicity: No known significant effects or critical hazards.
Teratogenicity: No known significant effects or critical hazards.
Developmental effects: No known significant effects or critical hazards.
Fertility effects: No known significant effects or critical hazards
 For this formula, either no data are currently available of the data are not sufficient for classification.

Component	LD50/oral/ rat	LD50/dermal/ rabbit
Methacrylic acid 79-41-4	1060 mg/kg	500 mg/kg
Triethylene glycol di-methacrylate	10837 mg/kg	Not Available
Iso-bornyl methacrylate	2408.35 mg/kg	Not Available

Section 12. ECOLOGICAL INFORMATION

Toxicity: There is no data available
Persistence and degradability: There is no data available
Bioaccumulative Potential: There is no data available

Mobility in Soil

Soil/water partition coefficient: Not available
Other adverse effects: No known significant effects or critical hazards.
Additional Information: Do not dispose of in aquatic environments.

Section 13. Disposal Considerations

Waste disposal: Do not dispose of in aquatic environments. Recover or recycle if possible. Disposal should be in compliance with applicable federal, state, and local regulations.
Container: Drain container thoroughly, triple rinse. Do not reuse container.

Section 14. TRANSPORT INFORMATION

Transport in accordance with all federal, state, and local regulations.
TDG/DOT
Hazard class: Not Regulated for Transport of dangerous goods

Additional Information: Environmentally Hazardous Substances meeting the descriptions of UN 3077 or 3082 are not subject to this Code when transported by road or rail in; (a) packaging; b) IBCs; or (c) receptacle not exceeding 500 kg (L).

Environmental hazards: No
Packing group: Not Applicable
Special Provisions: Not regulated as dangerous goods.
Special precautions for user: Transport within user's premises: Always transport in closed containers.

Section 15. REGULATORY INFORMATION**US Federal Regulations**

TSCA Status: All components of product exempt from TSCA inventory.
CERCLA Reportable Qty: No data available
Section 311/312 Hazard Category
Composition/Information on Ingredients

Name: Acrylic acid Hazardous Substances RQ's 5000lb.
Acute Health Hazard: No
Chronic Health Hazard: No
Fire Hazard: No
Sudden Release of Pressure Hazard: No
Reactive Hazard: No
Section 313 Toxic Chemicals: None

Section 16. OTHER INFORMATION

History
Date of issue mm/dd/yyyy: 05/19/2015
Date of previous issue: None
Version: 1
Revised Section(s): Not applicable
Prepared by: AGS Industries, Inc.

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