





MATERIAL SAFETY DATA SHEET


according to REACH Regulation (EC) No. 1907/2006

UVG-350

1. Product identifier and details of the supplier of the safety data sheet	
Product name	UVG-350
Product family:	UV-curable adhesive.
Product type:	Solvent-based adhesive for laboratory and industrial use
Identified uses:	Industrial and professional laboratory use. Bonding and fixing of strain gauges to research and test objects
Supplier company:	High Precision Measurements LLC (HPM LLC) Radomyshlska str., b. 4k, 04082 Kyiv, Ukraine Tel.: +38 067 675 8601 · E-mail: info@hpm-gages.com
Manufacturer:	High Precision Measurements LLC (HPM LLC) Radomyshlska str., b. 4k, 04082 Kyiv, Ukraine Tel.: +38 067 675 8601 · E-mail: info@hpm-gages.com

2. Hazard identification	
Fatalness grade:	The sample is not divided into dangerous article.
Invasion route:	This sample is not classified as a hazardous material.
Skin contact:	May irritate the skin.
Eye contact:	May irritate the eyes.
Inhalation:	Inhalating its vapor is harmful.
Ingestion:	Swallowing can cause stomach upset.
Health hazards:	May irritate skin and eyes. Inhalation of its vapors is harmful. Ingestion may cause discomfort.
Environment hazards:	Do not discharge materials into the surrounding environment without government permission.
Burn & burst danger:	The sample is not combustible.

3. Composition / information on ingredients			
Component	CAS No	Conc., %	Classification (CLP)
Epoxy resin	61788-97-4	32	Skin corrosion/irritation Cat.2 (H315); Skin sensitization Cat.1 (H317); Serious eye damage/eye irritation Cat.2 (H319); Hazardous to the aquatic environment – chronic Cat.2 (H411) 
Trimethylolpropane ethoxylate triacrylate	28961-43-5	16	Skin sensitization Cat.1 (H317); Serious eye damage/eye irritation Cat.2 (H319) 
2-Hydroxyethyl methacrylate	868-77-9	13	Skin corrosion/irritation Cat.2 (H315); Serious eye damage/eye irritation Cat.2 (H319); Skin sensitization Cat.1 (H317) 
2-Ethylanthraquinone	84-51-5	4	Carcinogenicity Cat.1B (H350); Specific target organ toxicity – repeated Cat.2 (H373); Hazardous to the aquatic environment – acute Cat.1 (H400); – chronic Cat.1 (H410) 

Phenyl bis(2,4,6-trimethylbenzoyl)-phosphine oxide	162881-26-7	1	Skin sensitization Cat.1 (H317); Hazardous to the aquatic environment – chronic Cat.4 (H413)	
Phthalocyanine Green G	1328-53-6	2	-	
Talc	14807-96-6	32	-	

4. First-aid measures

Description of first-aid measures

Skin contact:	Remove contaminated clothing and thoroughly rinse the skin with running water or soapy water. Seek medical attention.
Eye contact:	Lift eyelids (remove contact lenses if possible), flush eyes with plenty of water or saline solution. Get medical aid.
Inhalation:	Immediately move to fresh air. Keep the airway open. If breathing is difficult, administer oxygen. Seek medical attention.
Ingestion:	Rinse mouth with water. Do NOT induce vomiting. Get medical aid.

5. Firefighting measures

Dangerous characteristics:	No special combustion or explosion characteristics.
Hazardous combustion products:	Decomposition products unknown.
Extinguishing media:	Water spray, foam, dry powder, carbon dioxide, sand.
Special procedures:	Firefighters must wear full-face respirators or self-contained breathing apparatus and full-body fire-resistant and chemical-resistant clothing. Extinguish fire from upwind. Move containers from fire area to open space if possible. Spray water to keep containers in fire area cool until fire is extinguished. If a sound is heard from the pressure relief device, evacuate immediately.

6. Accidental release measures

Personal precautions, PPE and emergency procedures:	Emergency responders should wear self-contained breathing apparatus, anti-static clothing, and oil-resistant rubber gloves. Do not touch or walk through spilled material. Ground all equipment. Eliminate all ignition sources. Establish a warning zone based on liquid/vapor/dust spread. Evacuate unrelated personnel.
Environmental precautions:	Prevent spilled material from entering sewers, surface water, or groundwater.
Containment and cleanup:	Small spills: Collect liquid in sealable container. Absorb with sand, activated carbon, or other inert material. Do not flush down drain. Large spills: Build dikes or dig pits to contain. Seal drains. Cover with foam to suppress evaporation. Transfer to tank trucks or specialized containers using explosion-proof pumps. Recycle or dispose at waste treatment facility.

7. Handling and storage

Precautions for safe handling:	Operators should be specially trained. Use in well-ventilated areas. Avoid eye and skin contact, avoid inhaling vapors. Keep away from fire and heat. No smoking. Wash hands after use. Do not eat or drink in workplace. Ground equipment to prevent static sparks. Use only non-sparking tools.
Conditions for safe storage:	Store in a cool, well-ventilated warehouse. Keep container sealed. Keep away from oxidizers and food chemicals. Do not mix with incompatible materials (see Section 10). Storage area should be equipped with spill response equipment and suitable containment facilities.

8. Exposure controls / personal protection

Maximum permissible concentration:	No standard has been established.
Monitoring method:	EN 14042 – procedures for assessing exposure to chemical or biological agents in workplace air.
Engineering controls:	Prevent dust spread. Use closed systems to prevent leakage. Provide automatic alarms and emergency ventilation. Install safety showers and eye wash stations.
Hand protection:	Rubber oil-resistant gloves.
Eye / face protection:	Chemical safety glasses.
Body protection:	Antiseptic protective suit against toxic substances.
Respiratory protection:	If airborne concentration exceeds limit, wear a filtering respirator (half-face). For emergency rescue, wear a self-contained breathing apparatus (SCBA).

9. Physical and chemical properties

Appearance	Liquid
Color	Black
Odor	Weak odor
pH:	6-7
Density	1.3 g/cm ³
Vapor density	0.9 g/cm ³
Flash point	130 °C
Water solubility	Insoluble
Melting / boiling point:	No data available
Viscosity	No data available
Partition coefficient	No data available
Evaporation rate	No data available
Ignition temperature	No data available
Chemical properties	Preparation (mixture)

10. Stability and reactivity

Stability:	Stable under normal temperature and pressure.
Incompatible substances:	Strong oxidizers, strong acids
Conditions to avoid:	Electrostatic discharge, heat, humidity.
Hazardous polymerization:	None.
Hazardous decomposition products:	Under normal storage and use, no hazardous decomposition products should be produced.

11. Toxicological information	
Acute toxicity:	No data available.
Subacute and chronic toxicity:	No data available.
Irritation:	No data available.
Sensitization:	No data available.
Mutagenicity:	No data available.
Carcinogenicity:	No data available.
Other:	No data available. No information available.
12. Ecological information	
Eco-toxicity:	No data available.
Biodegradable:	No data available.
Non-biodegradable:	No data available.
Bioaccumulation:	No data available.
Other adverse effects:	No data available.
13. Disposal considerations	
Nature of waste:	The sample is not regarded as hazardous waste as defined by Regulation (EC) No. 1272/2008.
Disposal methods:	Refer to national or local regulations.
Precautions:	Avoid polluting the environment. Prevent waste from entering sewers, surface water, and groundwater.
14. Transport information	
UN Number	Not required
Transport hazard class	Not applicable
Packaging group	Not applicable
Marine pollutant	No
Bulk transport (MARPOL 73/78 Annex II, IBC Code)	Not required
Special precautions	Not applicable
Transport precautions:	Before transport, check that packaging is intact and sealed. During transport, ensure no leakage, collapse, falling, or damage. Do not mix with oxidizers or food chemicals. Vehicles must be cleaned and disinfected. Protect from rain and high temperatures. Keep away from fire and heat sources during stops. For sea transport, keep loading site away from living quarters and isolated from engine room, power, and fire sources.
15. Regulatory information	
Regulatory information: Regulation (EC) No. 1272/2008	ISO 11014-2009 – Safety data sheet for chemical products – Content and order of sections.
16. Other information	
Remark:	The evaluation report is based on official website data and customer supply information, only for reference.