100061 PART A
Safety Data Sheet

1. Identification of the Substance/mixture and of the company/undertaking

1.1 Product Identifier
Product Name: 100061 Part A

1.2 Relevant identified uses of the substance or mixture and uses advised against
Use of the substance /mixture: Bio-compatible adhesive for live tissues

1.3 Details of the supplier of the safety data sheet
World Precision instruments, Inc.
175 Sarasota Center Blvd.
Sarasota, FL 34240-9258
T 941-371-1003

1.4 Emergency number +1-941-371-1003

SECTION 2: Hazards Identification

2.1 Classification of the substance or mixture
GHS –US Classification: Not Classified

2.2 Label Elements
GHS-US labelling:
No labelling applicable

2.3 Other Hazards
Other Hazards not contributing to the classification:
Exposure may aggravate those with pre-existing eye, skin, or respiratory conditions

2.4 Unknown acute toxicity (GHS US)
No data available

Section 3 Composition/information on ingredients

Name	Product Identifier	%	GHS-US Classification
Silanamine, 1,1,1-trimethyl-N-(trimethyl)-hydrolysis products with silica	(CAS No)68909 − 20 − 6	25 − 30	Not Classified

SECTION 4: First aid measures

4.1 description of first aid measures

First-aid measures general	Never give anything by mouth to an unconscious person. I you feel unwell, seek medical advice (show label where possible).
First-aid measures after inhalation	If inhaled, remove to fresh air and keep at rest in a position comfortable for breathing. Obtain medical attention if breathing difficulty persists.
First-aid measures after skin contact	Remove contaminated clothing. Gently wash with plenty of soap and water. Obtain medical attention if irritation develops or persists.
First-aid measures after eye contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention if pain, blinking redness persists.
First-aid measures after ingestion	Rinse mouth. Do not induce vomiting. Get medical advice/attention if you feel unwell.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms/injuries	Not expected to present a significant hazard under anticipated conditions of normal use.
Symptoms/injuries after inhalation	May cause respiratory irritation.
Symptoms/injuries after skin contact	Contact during a long period may cause slight irritation. the skin.
Symptoms/injuries after eye contact	May cause slight irritation.
Symptoms/injuries after ingestion	If a large quantity has been ingested: gastrointestinal irritation.
Chronic symptoms	None known.

4.3 Indication of any immediate medical attention and special treatment needed

I you feel unwell, seek medical advice (show label where possible).

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media:	Use extinguishing media appropriate for surrounding fire.
Unsuitable extinguishing media:	Do not use a heavy water stream. Use of a heavy stream of water may spread the fire.

5.2 Special hazards arising from the substance or mixture

Fire Hazard	Not considered flammable but may burn at high temperatures.
Explosion hazard	Product is not explosive.

5.3 Advice for firefighters

Precautionary measures	Exercise caution when fighting any chemical fire.
Firefighting instructions	Use water spray or fog for cooling exposed containers. In case of major fire and large quantities: Evacuate area. Fight fire remotely due to risk of explosion.
Protection during firefighting	Do not enter area without proper protective equipment, including respiratory protection.
Other Information	Will decompose above 150C (300F) releasing formaldehyde vapors.

SECTION 6: Accidental Release Measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures	Avoid all unnecessary exposure

6.1.1. For non-emergency personnel

Protective equipment	Use appropriate personal protection equipment (PPE).
Emergency procedures	Evacuate unnecessary personnel.

6.1.2 For emergency responders

Protective equipment	Equip cleanup crew with proper protection.

6.2 Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3 Methods and material for containment and cleaning up

For containment	Contain any spills with dikes or absorbents to prevent migration and entry into sewers and streams.
Methods for cleaning up	Absorb and/or contain spill and inert material, then place in suitable container. Contact competent authorities after a spill. Do not take up in combustible material such as: saw dust or cellulosic material.

6.4 Reference to other sections

See Section 8. Exposure controls and personal protection.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Hygiene measures	Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and again when leaving work. Do not eat, drink or smoke when using this product.

7.2 Conditions for safe storage, including any incompatibilities

Technical measures	Any proposed use of this product in elevated temperatures processes should be thoroughly evaluated to assure that safe operating conditions are established and maintained.
Storage conditions	Store tightly closed in a dry, cool and well-ventilated place. Keep/store away from extremely high or low temperatures, direct sunlight, ignition sources, incompatible materials.
Incompatible products	Strong acids. Strong bases. Strong oxidizers.

7.3 Specific end use

Bio-compatible adhesive for live tissue and nerve studies.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

For substance listed in Section 3 that are not listed here, there are no established exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), or OSHA (PEL).

Silanamine, 1,1,1-N-(trimethylsilyl)-, hydrolysis products with silica (68909-20-60)		
USA OSHA	OSHA PEL (TWA) (mg/m³)	6mg/ m³
USA OSHA	OSHA PEL (TWA) (ppm)	mppcf (80mg/ m³/%SiO_2)

8.2 Exposure controls

Appropriate engineering controls	Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Provide adequate general and local exhaust ventilation.
Hand protection	Wear chemically resistant protective gloves.
Eye protection	Chemical goggles or safety glasses.
Skin and body protection	Wear suitable protective clothing. Chemically resistant materials and fabrics.
Respiratory protection	In case of inadequate ventilation, oxygen deficient atmosphere, or where exposure levels are not known wear approved respiratory protection.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	Liquid
Appearance	Translucent
Odor	Odorless
Odor Threshold	No data available
pH	No data available
Boiling point	No data available
Vapor pressure	No data available
Flash point	>135C (>275F)
Solubility	No data available
Specific gravity	1.15
Melting point	No data available
Evaporation rate	<1
Decomposition temperature	No data available
Auto-ignition temperature	No data available

9.2 Other information

VOC content <1%

SECTION 10: Stability and Reactivity

10.1 Reactivity

Hazardous reactions will not occur under normal conditions

10.2 Chemical stability

Stable at standard temperature and pressure

10.3 Possibility of hazardous reactions

Hazardous polymerization will not occur

10.4 Conditions to avoid

Direct sunlight. Extremely high or low temperatures. Ignition sources. Incompatible materials.

10.5 Incompatible materials

Strong acids. Strong bases. Strong oxidizing agents.

10.6 Hazardous decomposition products

Carbon oxides (CO, CO_2). Silicon oxides. Hydrocarbons. Will decompose above 150C(>300F) releasing formaldehyde vapors. Formaldehyde is a potential carcinogen and can act as a potential skin and respiratory sensitizer. Formaldehyde can also cause respiratory and eye irritation.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity	Not classified
Skin corrosion/irritation	Not classified
Serious eye damage/irritation	Not classified
Respiratory or skin sensitization	Not classified
Germ cell mutagenicity	Not classified
Carcinogenicity	Not classified
Reproductive toxicity	Not classified
Specific target organ toxicity (single exposure)	Not classified
Specific target organ toxicity (repeated exposure)	Not classified
Aspiration hazard	Not classified

SECTION 12 Ecological information

12.1 Toxicity

Ecology-general: Not classified

12.2 Persistence and degradability: Not established

12.3 Bio accumulative potential: Not established

12.4 Mobility in soil: No additional information available

12.5 Other adverse effects: Avoid release to the environment

SECTION 13: Disposal considerations

13.1Waste treatment methods

Waste disposal recommendations: Dispose in a safe manner in accordance with local/national regulations

SECTION 14: Transport information

In accordance with DOT/IMDG/IATA

14.1 UN Number

Not applicable

14.2 UN proper shipping name

Not applicable

14.3 Additional information

Other information

No supplementary information available

SECTION 15: Regulatory information

15.1 US Federal regulations

All components of this product are listed or exempted from being listed on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.

15.2 US State regulations

Silanamine, 1,1,1-trimethyl-N-(trimethylsilyl)-, hydrolysis products with silica (68909-20-6)
U.S.- Texas- Effects Screening Levels-Long Term
U.S.- Texas- Effects Screening Levels-Short Term

SECTION 16: Other information

This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communications Standard 29 CFR 1910.1200

NFPA health hazard 1: Exposure could cause irritation but only minor residual injury if no treatment is given.
NFPA fire hazard 1: Must be preheated before ignition can occur.
NFPA reactivity 0: Normally stable, even under fire exposure conditions, and are not reactive with water.

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