



100061 PART B Safety Data Sheet

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

1.1 Product Identifier

Product Name: 100061 Part B

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:

Skin Irritant-2 H315

Eye Irritant-2A H319

Full text of hazard classes and H-statements; see Section 16

2.2 Label Elements

GHS-US labelling

Hazard Pictogram (GHS-US)



Signal word (GHS-US)

Hazard statements (GHS-US)

Precautionary statements

Warning

H315-Causes skin irritation

H309-Causes serious eye irritation

P264-Wash hands, forearms, and other exposed areas thoroughly
After handling.

P280-Wear gloves, protective clothing, eye protection, face protection.

P302 and P352- If on skin: wash with plenty of water.

P305 and P351 and P 338- If in eyes: rinse continuously with water for
several minutes. Remove contact lenses, if present and easy to do.
Continue rinsing.

P321- Specific treatment (see section 4 on this SDS).

P332 and P313- If skin irritation occurs: Get medical attention
advice/attention

P337 and P313-If eye irritation persists: get medical advice/attention.

P362 and P364- Take off contaminated clothing and wash it before
reuse.

2.3 Other Hazards

Other Hazards not contributing to the classification:

Exposure may aggravate those with pre-existing eye, skin, or respiratory conditions.



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2.4 Unknown acute toxicity (GHS US)

No data available

Section 3 Composition/information on ingredients

3.1 Substance

Not applicable

3.2 Mixture

Name	Product Identifier	%	GHS-US Classification
Silanamine, 1,1,1-trimethyl-N-(trimethyl)- hydrolysis products with silica	(CAS No)68909 – 20 – 6	28 – 33	Not Classified
Siloxanes and silicones, dimethyl, methyl hydrogen	(CAS No) 68037-59-2	10-15	Flam. Liq. 4. H227 Skin Irrit. 2 H315 Eye Irrit. 2A, H319 STOT SE, H335

Full text of H-phrases: see section 16

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. If you feel unwell, seek medical advice (show label where possible).
First-aid measures after inhalation	When symptoms occur: go into open air and ventilate suspected area. Obtain medical attention if breathing difficulty persists
First-aid measures after skin contact	Remove contaminated clothing. Drench affected area with water for at least 15 minutes. Obtain medical attention if irritation develops or persists.
First-aid measures after eye contact	Rinse cautiously with water for at least 15 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 attention.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms/injuries	Causes serious eye injury. Causes skin irritation.
Symptoms/injuries after inhalation	Prolonged exposure may cause irritation.
Symptoms/injuries after skin contact	Redness, pain, swelling, itching, burning, dryness, and dermatitis.
Symptoms/injuries after eye contact	Causes severe irritation with redness and swelling of the conjunctiva.
Symptoms/injuries after ingestion	Ingestion may cause adverse effects.
Chronic symptoms	None expected under normal conditions of use.

4.3 Indication of any immediate medical attention and special treatment needed



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If exposed or concerned, get medical advice and attention. If medical advice is needed, have product container or label at hand.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media:	Water spray, dry chemical, foam, carbon dioxide.
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.
Reactivity	Hazardous reactions will not occur under normal conditions

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.
Protection during firefighting	Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental Release Measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures	Avoid breathing (vapor, mist, spray). Avoid all contact with skin, eyes, clothing.
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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. Ventilate area upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for assistance of trained personnel as soon as conditions permit.
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6.2 Environmental precautions

Prevent entry to sewers and public waters.
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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.
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Methods for cleaning up	Clean up spills immediately and dispose of waste safely. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill.
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6.4 Reference to other sections

See Section 8. Exposure controls and personal protection.
See Section 13. Disposal considerations.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Precautions for safe handling	Avoid breathing vapors, mist, spray. Avoid contact with skin, eyes and clothing.
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.

7.2 Conditions for safe storage, including any incompatibilities

Technical measures	Comply with applicable regulations.
Storage conditions	Keep container closed when not in use. Store in a dry, cool place. Keep/store away from direct sunlight, extremely high or low temperatures and incompatible materials.
Incompatible products	Strong acids. Strong bases. Strong oxidizers.

7.3 Specific end use

An adhesive for bonding and sealing silicones to each other and substrates. For professional use only.
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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/m ³)	6mg/ m ³
USA OSHA	OSHA PEL (TWA) (ppm)	20mppcf (80mg/ m ³ /%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. Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed.
Personal protective equipment	Gloves. Protective clothing. Protective goggles.



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Materials for protective clothing
Hand protection
Eye protection
Skin and body protection
Respiratory protection

Chemically resistant materials and fabrics
Wear chemically resistant protective gloves.
Chemical safety goggles.
Wear suitable protective clothing.
If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn. In case of inadequate ventilation, oxygen deficient atmosphere, or where exposure levels are not known wear approved respiratory protection.
When using, do not eat, drink, or smoke.

Other information

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	1.12
Melting point	No data available
Evaporation rate	<1
Decomposition temperature	No data available
Auto-ignition temperature	No data available
Viscosity, dynamic	80000 cP

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 under recommended handling and storage conditions.

10.3 Possibility of hazardous reactions

Hazardous polymerization will not occur



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10.4 Conditions to avoid

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

10.5 Incompatible materials

Strong acids. Strong bases. Strong oxidizing agents.

10.6 Hazardous decomposition products

Carbon oxides (CO, CO₂). 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	Causes skin irritation
Serious eye damage/irritation	Causes serious eye irritation.
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

R33-2186 Part B	
Persistence and degradability	Not established

12.3 Bio accumulative potential

R33-2186 Part B	
Bio accumulative potential	Not established

12.4 Mobility in soil

No additional information available

12.5 Other adverse effects

Other information Avoid release to the environment

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Waste disposal recommendations Dispose of contents/containers in accordance with local, regional, national, and international regulations



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Additional information

Container may remain hazardous when empty. Continue to observe all precautions.

Ecology-waste materials

Avoid release to the environment.

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.

R33-2186 Part B

SARA Section 311/312 Hazard classes Immediate (acute) health hazard

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

Full text of H-phrases

Eye Irrit. 2A	Serious eye damage/eye irritation Category 2A
Skin Irrit.	Skin corrosion/irritation Category 2A
STOT SE 3	Specific target organ toxicity (single exposure) Category 3
H315	Causes skin irritation
H319	Causes serious eye irritation
H335	May cause respiratory irritation

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.

The information contained herein is accurate to the best of our knowledge.

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