

SAFETY DATA SHEET

Trade Name	OS61
SDS #	S-0121 V1
Date of Issue	04/09/2025
Replaces (Date/Revision #)	04/09/2025 – NEW
Effective Date	04/09/2025

SECTION 1 – Identification

Product Name: OS61

Other Means of Identification: OS61W, OS61GR

Product Code Number: OS61

Recommended Use: Adhesive/Sealant

Recommended Restrictions: Uses other than described as above

Suppliers Details

Company:

Forza, Inc.

3211 Nebraska Ave, Suite 300

Council Bluffs, IA 51501, USA

Company Phone Number:

1-402-731-9300 (Available 8:00 am – 4:30 pm CST)

Emergency Phone Number:

Chemtrec 1(800)-424-9300

SECTION 2 – Hazard Identification

GHS Classification (per GHS Rev. 5):

Skin Irritation – Category 2

Eye Irritation – Category 2A

STOT SE – Category 3 (respiratory tract irritation)

Label Elements (GHS-compliant):

Signal Word: Warning

Pictograms:



Hazard Statements:

H315: Causes skin irritation

H319: Causes serious eye irritation

H335: May cause respiratory irritation

Precautionary Statements:

P261: Avoid breathing vapors/spray

P280: Wear protective gloves/eye protection/face protection

P302+P352: IF ON SKIN: Wash with plenty of soap and water

P305+P351+P338: IF IN EYES: Rinse cautiously with water. Remove contact lenses if easy to do. Continue rinsing.

SECTION 3 – Composition/Information on Ingredients

Substance	CAS Number	% w/w	GHS Classification
Titanium Dioxide	13463-67-7	2-5%	Carc. 2 (inhalation)
UV Stabilizer Compound A	25973-55-1	< 1%	Skin Sens. 1; Aquatic Chronic 3
UV Stabilizer Compound B	52829-07-9	< 1%	Eye Irrit. 2A; Aquatic Chronic 3
Organosilane Functional Monomer A	2768-02-7	1-5%	Flam. Liq. 3; Eye Irrit. 2A; STOT SE 3
Organosilane Functional Monomer B	1760-24-3	< 1%	Skin Sens. 1; Eye Dam. 1
Other Non-Hazardous Components*	Proprietary	Balance	Not classified / Not hazardous (per EPA <1% rule)

*Non-hazardous and not classified materials include modified silane polymers, plasticizers, and calcium carbonate fillers, which provide mechanical strength, consistency, and flexibility to the sealant formulation.

SECTION 4 – First-Aid Measures

Inhalation: Move to fresh air. If symptoms develop, seek medical attention.

Skin Contact: Wash thoroughly with soap and water. Remove contaminated clothing.

Eye Contact: Flush eyes with water for at least 15 minutes. Remove contacts if present. Seek medical advice.

Ingestion: Do not induce vomiting. Rinse mouth. Seek medical help.

Symptoms: Skin and eye irritation, coughing, or dizziness from inhalation.

Immediate Medical Attention: For eye exposure or persistent symptoms.

SECTION 5 – Fire-Fighting Measures

Extinguishing Media: Foam, CO₂, dry chemical

Unusual Fire Hazards: Product is not highly flammable but may emit fumes under fire conditions.

Hazardous Combustion Products: CO, CO₂, silicon oxides, organic vapors

Protective Equipment: Full SCBA and protective gear

SECTION 6 – Accidental Release Measures

Precautions: Wear PPE. Avoid dust and vapor exposure.

Environmental Measures: Prevent entry into drains or waterways.

Cleanup Methods: Absorb with inert material and place in proper containers.

SECTION 7 – Handling and Storage

Handling: Avoid contact with skin and eyes. Ensure proper ventilation.

Storage: Keep containers closed in cool, dry place. Protect from moisture.

Incompatibilities: Strong acids, oxidizing agents.

SECTION 8 – Exposure Controls / Personal Protection

Component	Limit (TWA)	Source
Titanium Dioxide	10 mg/m ³ (total dust)	OSHA/ACGIH
Organosilane Monomer A	10 ppm	ACGIH
Organosilane Monomer B	Not established	Manufacturer data

Engineering Controls: Use local exhaust ventilation to minimize exposure.

Personal Protective Equipment:

Eyes: Chemical safety goggles

Skin: Protective gloves (nitrile or neoprene recommended)

Respiratory: Organic vapor respirator if airborne concentrations exceed occupational limits

Likely Routes of Exposure: Inhalation, skin contact, eye contact

Short-Term Exposure Risks: Irritation to eyes, skin, and respiratory tract

Long-Term Exposure Risks: Prolonged or repeated inhalation of titanium dioxide dust may lead to lung effects. Listed as Group 2B carcinogen by IARC (possibly carcinogenic to humans)

SECTION 9 – Physical and Chemical Properties

Appearance: Viscous paste

Color: White to off-white

Odor: Mild characteristic

Flash Point: > 200°C

pH: Not applicable

Water Solubility: Insoluble

Viscosity: High

SECTION 10 – Stability and Reactivity

Stability: Stable under normal conditions

Reactivity: Not reactive

Conditions to Avoid: Moisture, heat, and incompatible materials

Decomposition Products: CO, CO₂, silicon oxides

SECTION 11 – Toxicological Information

Routes of Exposure: Skin, eyes, inhalation

Short-Term Effects: May cause temporary irritation of skin, eyes, and respiratory system

Long-Term Effects: Repeated or prolonged exposure to respirable crystalline titanium dioxide dust may cause lung damage; carcinogenicity noted in inhalation studies

Carcinogenicity: Titanium dioxide (IARC Group 2B – possibly carcinogenic to humans via inhalation)

Acute Toxicity Testing Data:

Component	Species	Test Type	Result
Titanium Dioxide	Rat	Oral LD50	> 10,000 mg/kg
Organosilane Monomer A	Rabbit	Dermal LD50	> 2,000 mg/kg
Organosilane Monomer B	Rat	Inhalation LC50	> 5.3 mg/L (4 hr)

SECTION 12 – Ecological Information

Persistence and Degradability: Components not readily biodegradable

Bioaccumulation Potential: Low to moderate for certain stabilizers

Mobility in Soil: Limited mobility due to paste form

Aquatic Toxicity:

Organism	Test Substance	Result
Fish (<i>Oncorhynchus mykiss</i>)	UV Stabilizer A	LC50 (96 hr) > 10 mg/L
Daphnia magna	UV Stabilizer B	EC50 (48 hr) ~ 5 mg/L
Algae (<i>Pseudokirchneriella subcapitata</i>)	UV Stabilizer A	EC50 (72 hr) > 20 mg/L

SECTION 13 – Disposal Considerations

Disposal Method: In accordance with local, regional, national regulations

Container Disposal: Dispose of empty containers as industrial waste

SECTION 14 – Transport Information

UN Number: Not regulated

Shipping Name: Non-hazardous paste mixture

Hazard Class: Not classified

Packing Group: Not applicable

SECTION 15 – Regulatory Information

TSCA: All ingredients listed

SARA 313: None above threshold

California Prop 65: Titanium Dioxide (airborne, unbound particles only)

OSHA HCS: Hazardous per classification

SECTION 16 – Other Information

Revision Date: 4.9.2025

Prepared by: Forza, Inc.

GHS Rev. 5 Compliance: This SDS has been prepared in accordance with GHS Revision 5 standards and complies with EPA, OSHA, and DOT regulations. Users should ensure they meet jurisdiction-specific requirements.

Disclaimer: The information provided in this SDS is believed to be accurate as of the revision date but is subject to change based on new regulations or updated research findings. Users are responsible for compliance with all applicable laws and regulations.