

SAFETY DATA SHEET

Trade Name	OS25
SDS #	S-0120 V1
Date of Issue	04/09/2025
Replaces (Date/Revision #)	04/09/2025 – NEW
Effective Date	04/09/2025

SECTION 1 – Identification

Product Name: OS25

Other Means of Identification: OS25WH, OS25GR

Product Code Number: OS25

Recommended Use: Adhesive/Sealant

Recommended Restrictions: Uses or than described above

Suppliers Details

Company:

Forza, Inc.

3211 Nebraska Ave, Suite #300

Council Bluffs, IA 51501, USA

Company Phone Number:

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:

Eye Irritation – Category 2A

Skin Sensitization – Category 1

Carcinogenicity – Category 2 (Titanium Dioxide, inhalation only in unbound form)

Label Elements:

Signal Word: WARNING

Pictograms:



Hazard Statements:

H319: Causes serious eye irritation

H317: May cause an allergic skin reaction

H351: Suspected of causing cancer (inhalation)

Precautionary Statements:

P280: Wear protective gloves/eye protection

P261: Avoid breathing dust/fume/vapors

P305+P351+P338: IF IN EYES: Rinse with water. Remove contact lenses. Continue rinsing

P333+P313: If skin irritation or rash occurs: Get medical advice

SECTION 3 – Composition/Information on Ingredients

Substance	CAS Number	% w/w	GHS Classification
Titanium Dioxide	13463-67-7	1-5%	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%	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)

*Includes polymers, plasticizers (e.g., S327, DPHP), thickeners (e.g., rheology modifiers), and mineral fillers such as calcium carbonate. These provide flexibility, structure, and viscosity control to the sealant system.

SECTION 4 – First-Aid Measures

Inhalation: Remove victim to fresh air. Provide oxygen if breathing is difficult

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

Eye Contact: Flush immediately with plenty of water for at least 15 minutes

Ingestion: Do not induce vomiting. Rinse mouth and seek medical attention

Symptoms: Redness, irritation, or rash from repeated skin contact. Eye discomfort

Medical Attention Needed: Prolonged or severe exposure to vapors or direct eye contact

SECTION 5 – Fire-Fighting Measures

Extinguishing Media: CO₂, dry chemical, or foam

Hazards: May release toxic fumes under fire (e.g., CO, CO₂, nitrogen oxides)

Protective Equipment: Firefighters should wear SCBA and full protective equipment

SECTION 6 – Accidental Release Measures

Personal Protection: Ventilate area. Use PPE to prevent skin/eye contact

Environmental Precautions: Prevent from entering drains or waterways

Containment and Cleanup: Absorb with inert material. Place in labeled containers for proper disposal

SECTION 7 – Handling and Storage

Handling: Avoid contact with eyes, skin, and clothing. Do not breathe vapors

Storage: Keep container tightly closed in a cool, dry, and well-ventilated place

Incompatible Materials: Strong acids, oxidizers

SECTION 8 – Exposure Controls / Personal Protection

Component	Limit (TWA)	Source
Titanium Dioxide	10 mg/m ³ (total dust)	OSHA/ACGIH
Organosilane Functional Monomer	10 ppm	ACGIH

Engineering Controls: Local exhaust ventilation recommended

PPE:

Eye Protection: Safety glasses with side shields

Skin Protection: Nitrile gloves and coveralls

Respiratory Protection: Organic vapor cartridge respirator if airborne levels exceed exposure limits

SECTION 9 – Physical and Chemical Properties

Appearance: White to off-white, and or grey paste

Odor: Slightly sweet or neutral

Flash Point: > 200°C

Solubility in Water: Insoluble

Viscosity: High

SECTION 10 – Stability and Reactivity

Reactivity: Not reactive under normal conditions

Stability: Stable in recommended storage

Decomposition Products: CO, CO₂, siloxanes, titanium oxides

SECTION 11 – Toxicological Information

Exposure Routes: Inhalation, eye/skin contact

Short-Term Exposure: Irritation of eyes and skin

Long-Term Exposure: Repeated skin contact may cause sensitization. Titanium Dioxide is classified as IARC Group 2B (possibly carcinogenic by inhalation)

Toxicity Data:

Substance	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: Components not readily biodegradable

Mobility: Product remains immobile in soil due to paste consistency

Bioaccumulation Potential: Low

Aquatic Toxicity:

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

SECTION 13 – Disposal Considerations

Waste Disposal: Dispose of in accordance with local, state, and federal regulations

Empty Containers: Rinse and recycle or dispose of as non-hazardous waste if allowed

SECTION 14 – Transport Information

UN Number: Not regulated

Proper Shipping Name: Non-regulated sealant material

Hazard Class: Not applicable

Packing Group: Not applicable

SECTION 15 – Regulatory Information

TSCA: All components listed

SARA 313: Titanium Dioxide not reportable under typical concentrations

California Prop 65: Titanium Dioxide (in airborne unbound particles)

OSHA HCS Classification: Hazardous under 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.