

# SAFETY DATA SHEET

Trade Name	OS10
SDS #	S-0119 V1
Date of Issue	04/09/2025
Replaces (Date/Revision #)	04/09/2025 – NEW
Effective Date	04/09/2025

## **SECTION 1 – Identification**

**Product Name:** OS10

**Other Means of Identification:** OS10WH, OS10GR

**Product Code Number:** OS10

**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:** CO<sub>2</sub>, dry chemical, or foam

**Hazards:** May release toxic fumes under fire (e.g., CO, CO<sub>2</sub>, 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 <sup>3</sup> (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, CO<sub>2</sub>, 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.