

SAFETY DATA SHEET

Trade Name	OS24
SDS #	S-0112 V2
Date of Issue	04/29/2025
Replaces (Date/Revision #)	05/31/2024 – V1
Effective Date	04/29/2025

SECTION 1 – Identification

Product Name: OS24

Other Means of Identification: OS24G, OS24W

Product Code Number: OS24, OS24G, OS24W

Recommended Use: Adhesive/Sealant

Recommended Restrictions: User other than described above. Industrial use only

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:

Skin Irritation - Category 2

Eye Irritation - Category 2B

Specific Target Organ Toxicity (Repeated Exposure) - Category 2 (lungs)

Label Elements:

Hazard Pictograms: Exclamation Mark, Health Hazard



Signal Word: WARNING

Hazard Statements:

Causes skin and eye irritation.

May cause damage to lungs through prolonged or repeated exposure (inhalation).

Precautionary Statements:

Wear protective gloves and eye protection.

Avoid breathing mist, vapors, spray.

Wash skin thoroughly after handling.

Other Hazards:

Dust or mist may cause mechanical irritation to eyes, skin, and respiratory tract.

SECTION 3 – Composition/Information on Ingredients

Chemical Name	CAS Number	% w/w
Titanium Dioxide (bound in product matrix)	13463-67-7	5-10%
Carbon Black (bound in product matrix)*	1333-86-4	< .1%
UV Stabilizer (phenolic derivative)	25973-55-1	< 1%
UV Stabilizer (hindered amine derivative)	52829-07-9	< 1%
Vinyltrimethoxysilane	2768-02-7	1-5%
Diaminofunctional Silane	1760-24-3	1-5%
Proprietary Polymers and Additives	Mixture	Balance

Note: Applies to OS24G products only.

Non-hazardous components and proprietary materials are grouped collectively. Only hazardous ingredients above 1% or carcinogens above 0.1% are individually listed.

SECTION 4 – First-Aid Measures

Inhalation: Move person to fresh air. Seek medical attention if symptoms persist.

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

Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses if present.

Ingestion: Rinse mouth. Do not induce vomiting. Seek immediate medical attention.

SECTION 5 – Fire-Fighting Measures

Suitable Extinguishing Media: Water spray, dry chemical, foam, carbon dioxide.

Specific Hazards: May release hazardous decomposition products under fire conditions.

Protective Equipment for Firefighters: Wear self-contained breathing apparatus and full protective clothing.

SECTION 6 – Accidental Release Measures

Personal Precautions: Wear appropriate protective equipment. Avoid generating dust or mist. Ensure adequate ventilation.

Methods for Containment and Cleanup: Collect and place in appropriate containers for disposal. Avoid creating dust.

SECTION 7 – Handling and Storage

Precautions for Safe Handling: Avoid contact with skin and eyes. Avoid inhalation of vapors or mists.

Conditions for Safe Storage: Keep container tightly closed in a cool, dry, well-ventilated area.

SECTION 8 – Exposure Controls / Personal Protection

Component	OSHA PEL	ACGIH TLV	NIOSH REL
Titanium Dioxide	15 mg/m ³ (total dust)	10 mg/m ³ (inhalable)	2.4 mg/m ³ (fine)
Carbon Black	3.5 mg/m ³	3.5 mg/m ³	3.5 mg/m ³
Vinyltrimethoxysilane	Not established	Not established	Not established
Diaminofunctional Silane	Not established	Not established	Not established
UV Stabilizers	Not established	Not established	Not established

Engineering Controls: Ensure adequate ventilation. Maintain airborne concentrations below occupational exposure limits.

Personal Protective Equipment:

Eye/Face Protection: Safety goggles.

Skin Protection: Chemical-resistant gloves.

Respiratory Protection: Use NIOSH-approved respirators if exposure limits are exceeded.

SECTION 9 – Physical and Chemical Properties

Property	Value
Appearance	Viscous liquid or paste
Odor	Mild
Odor Threshold	Not determined
pH	Not applicable
Melting/Freezing Point	Not determined
Boiling Point/Range	Not determined
Flash Point	>93 °C
Flammability	Not flammable
Vapor Pressure	Not determined
Relative Density	~1.2 g/cm ³
Solubility in Water	Insoluble
VOC Content	<2% by weight

SECTION 10 – Stability and Reactivity

Reactivity: No dangerous reactions known under normal conditions.

Chemical Stability: Stable under recommended handling conditions.

Conditions to Avoid: Avoid moisture and strong oxidizers.

Hazardous Decomposition Products: Carbon dioxide, carbon monoxide, oxides of silicon.

SECTION 11 – Toxicological Information

Endpoint	Test Species	Value
Acute Oral Toxicity	Rat	LD50 > 2000 mg/kg
Acute Dermal Toxicity	Rabbit	LD50 > 2000 mg/kg
Acute Inhalation Toxicity	Rat	LC50 > 5 mg/L (mist)
Skin Irritation	Rabbit	Causes mild irritation
Eye Irritation	Rabbit	Causes mild irritation

Carcinogenicity: Titanium dioxide and carbon black are classified as possible human carcinogens (IARC 2B) by inhalation of respirable dust. In this product, both are bound within the matrix, minimizing inhalation exposure risk.

SECTION 12 – Ecological Information

Endpoint	Test Organism	Value
Acute Toxicity to Fish	Oncorhynchus mykiss	LC50 > 100 mg/L (96h)
Acute Toxicity to Aquatic Invertebrates	Daphnia magna	EC50 > 100 mg/L (48h)
Acute Toxicity to Algae	Pseudokirchneriella subcapitata	EC50 > 100 mg/L (72h)

Persistence and Degradability: Not readily biodegradable.

Bioaccumulative Potential: Low.

SECTION 13 – Disposal Considerations

Dispose of in accordance with all applicable local, regional, national, and international regulations.

SECTION 14 – Transport Information

DOT: Not regulated.

IMDG: Not regulated.

IATA: Not regulated.

SECTION 15 – Regulatory Information

US Federal Regulations:

TSCA Inventory: All components listed or exempt.

SARA Title III: Not applicable.

CERCLA: Not applicable.

State Regulations:

California Proposition 65: This product may contain titanium dioxide and carbon black (both bound within product matrix and not respirable).

SECTION 16 – Other Information

Revision Date: 4.29.2025

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.

