



SAFETY DATA SHEET

Issuing Date 29-Apr-2021

Revision Date

Revision Number

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

GHS Product Identifier

Product Name: RV Duck Seal High Performance Self-Leveling Lap Sealant & Adhesive

Other Means of Identification

Product Code(s): H3170, H3171, H3172, H3173
Synonyms: None

Recommended Use of the Chemical and Restrictions on Use

Recommended Use: Adhesives. Sealants.
Uses Advised Against: For Exterior Use Only

Manufacturer's Details

Manufacturer Address
ThorWorks Industries, Inc.
2520 S. Campbell St.
Sandusky, OH 44870
1-800-326-1994

Emergency Telephone Number

Emergency Telephone Number Chemtrec 1-800-424-9300

2. HAZARDS IDENTIFICATION

Emergency Overview

Heavy paste with mild odor; various colors; white, gray and black.
Can cause skin and eye irritation.

Combustible Material (will burn). In case of fire, use foam, dry chemical, CO2.

Potential Health Effects

Primary Route(S) of Entry

Inhalation (breathing); eye and skin contact.

CAUTION! Can cause skin and eye irritation.

Symptoms of Exposure

Inhalation: Breathing large amounts of vapor may be harmful.

Eye Contact: Can cause eye irritation. Symptoms include stinging, tearing, redness, and swelling of eyes.

Skin Contact: Can cause skin irritation. Symptoms may include redness and burning of skin.

Ingestion: Swallowing large amounts may be harmful.

Chronic Effects

Over exposure to a component of this material has been suggested as a cause of liver abnormalities in laboratory animals.

Medical Conditions Aggravated By Exposure

Eye or skin disease.

Reported As Carcinogen or Potential Carcinogen

Not Applicable

National Toxicology Program (NTP)

OSHA

International Agency for Research on Cancer (IARC)
(See Section 11)

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	Weight %	Trade Secret
Calcium Carbonate	1317-65-3	<70	*
Proprietary Polymers	-	<30	*
Titanium Dioxide	13463-67-7	<10	*
Carbon Black (Gray and Black only)	1333-86-4	<1	*

*The exact percentage of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

Inhalation

Remove from area to fresh air. If not breathing, clear airway and start mouth-to-mouth artificial respiration or use a bag-mask respirator. Get immediate medical attention. If victim is having trouble breathing, transport to medical care and, if available, give supplemental oxygen.

Eye Contact

Immediately rinse eyes with water. Remove any contact lenses. Hold eyelids apart to ensure rinsing of the entire surface of the eyes and lids with water. Continue flushing eyes with running water for at least 15 minutes. Get medical attention if irritation develops.

Skin Contact

Wash affected areas with large amounts of running water, and soap if available, for 15 minutes. Remove contaminated clothing and shoes. Wash clothing and decontaminate shoes before reuse. Get medical attention if irritation develops and persists.

Ingestion

DO NOT induce vomiting. Do not give anything by mouth to an unconscious or convulsing person. Get immediate medical attention.

NOTE TO PHYSICIAN - None

5. FIRE-FIGHTING MEASURES

Flash Point and Method >200 °F.

General Hazard

This product is combustible.

Extinguishing Media

For small fires, use foam, CO₂, or dry chemical. For large fires, use water spray, fog, or foam.

Special Firefighting Instructions

Move containers from area if it can be done without risk.

Firefighting Equipment

As in any fire, wear NIOSH approved, positive-pressure self-contained breathing apparatus and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Wear appropriate protective equipment (See Section 8). Ventilate area. Observe all local, state and federal regulations.

7. HANDLING AND STORAGE

Handling

Wear appropriate protective equipment (See Section 8.). Avoid contact with eyes, skin and clothes. Avoid breathing vapors. Keep container closed when not in use. Use with sufficient ventilation to keep area below established exposure levels. Wash thoroughly after handling.

Product is combustible.

Storage

Keep container tightly closed. Isolate from incompatible materials (See Section 10).

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls

Use local exhaust or general dilution ventilation system.

Personal Protection

Respirator

Use NIOSH approved equipment only. For exposure above the exposure limit, use a respirator that has been selected by an industrial hygienist or other technically qualified person for the specific work conditions. If respirators are used, OSHA requires compliance with its respiratory program.

Eye Protection

Wear vented safety goggles or safety glasses.

Gloves

Nitrile gloves.

Clothing

Wear clothing that will protect skin from exposure to this chemical. During emergency or while making repairs, wear clothing that will not allow this chemical to penetrate.

Other

Eye wash.

Exposure Controls

Component	OSHA PEL		ACGIH TLV	
	TWA	STEL	TWA	STEL
Titanium Dioxide*	15 mg/m ³	N/E	10 mg/ m ³	N/E
Carbon Black*	3.5 mg/ m ³	N/E	3.5 mg/ m ³	N/E
Calcium Carbonate*	15 mg/ m ³	N/E	10 mg/ m ³	N/E

- Exposure limits are provided for information only. This chemical is not in a respirable form in this product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

Physical State: Solid
Odor: Mild

Appearance: Paste (White, Gray, Black)
Odor Threshold: No Information Available

<u>Property</u>	<u>Values</u>	<u>Remarks/Method</u>
pH	No data available	None known
Melting Point	No data available	None known
Boiling Point	No data available	None known
Boiling Point Range	No data available	None known
Freezing Point	No data available	None known
Evaporation Rate	No data available	None known
Flash Point	>200 °F	None known
Flammability (solid, gas)	No data available	None known
Lower Explosive Limit	No data available	
Upper Explosive Limit	No data available	
Vapor Pressure	No data available	None known
Vapor Density (Air = 1)	No data available	None known
Specific Gravity (Water = 1)	~ 1.6-1.7	None known
Water Solubility	Slightly Soluble	None known
Solubility in other solvents	No data available	None known
Partition coefficient: n-octanol/water	No data available	None known
Autoignition Temperature	No data available	None known
Decomposition Temperature	No data available	None known
Viscosity	No data available	None known
Kinematic Viscosity	No data available	None known
Solubility (Other)	No data available	None known
Density	No data available	None known
Molecular Weight	No data available	None known
<u>Other Information</u>		
VOC Content	No data available	

10. STABILITY AND REACTIVITY

Reactivity

Stable.

Incompatibilities

Avoid contact with acids and oxidizers.

Hazardous Decomposition Products

May form oxides of carbon and various unidentified organic compounds.

Conditions to Avoid

Avoid temperatures above 120 °F.

11. TOXICOLOGICAL INFORMATION

For Carbon Black: IARC- Group 2B (Possibly carcinogenic to humans)

For Product: Not established.

For Titanium Dioxide

Trochimowicz, *et al.*, *J. Appl. Tox.*, **8**, 383-385 (1988).

Oral LD50 (rat)	>25 g/kg
Dermal LD50 (rabbit)	>10 g/kg
Inhalation LC50 (rat)	>6.82 mg/L (4 hr)

E.I. DuPont's Haskel Toxicology Laboratory conducted lifetime inhalation studies of respirable titanium dioxide at levels up to 250 mg/ m³; no compound related clinical signs of toxicity were seen in the exposed animals. Slight pulmonary fibrosis was seen at 50 to 250 mg/ m³ respirable titanium dioxide but not at 10 mg/ m³. There was no evidence of cancer in animals exposed to 10 or 50 mg/ m³ respirable titanium dioxide. Microscopic lung tumors were seen in 17 percent of the rats exposed to 250 mg/ m³ respirable titanium dioxide. The lung tumors observed in the rats were different from common human lung cancers, relative to anatomic type and location, and occurred only at dust levels which overwhelmed the animals' lung clearance mechanism and therefore, are of questionable biological relevance for man.

Results of a DuPont epidemiology study showed that employees who had been exposed to titanium dioxide pigments were at no greater risk of developing lung cancer than were employees who had not been exposed to titanium dioxide pigments. No pulmonary fibrosis was found in any of the employees and no associations were observed between titanium dioxide pigment exposure and chronic respiratory disease or lung abnormalities. Based on the results of the study, DuPont concluded that titanium dioxide will not cause lung cancer or chronic respiratory disease in humans at concentrations experienced in the workplace.

The National Cancer Institute (NCI) conducted a feed study in rats and mice in which either 25,000 or 50,000 parts per million titanium dioxide was given in their diet for two years. Under the condition of the NCI test, titanium dioxide did not cause cancer by the oral route.

Titanium dioxide has been classified by the American Congress of Governmental Industrial Hygienists (ACGIH) as an A4 Carcinogen – *Not Classifiable as a Human Carcinogen*. ("1999 TLVs and BEIs," p. 67). It has been classified by the International Agency for Research on Cancer (IARC) as Group 3 – *Not Classifiable as to Its Carcinogenicity to Humans*. (IARC Monograph 47, 1989).

12. ECOLOGICAL INFORMATION

For Product: Not established.

13. DISPOSAL CONSIDERATIONS

RCRA Waste Code: Not regulated. Observe all applicable federal, state and local regulation.

14. TRANSPORTATION INFORMATION

DOT Proper Shipping Name: Not regulated.

15. REGULATORY INFORMATION

OSHA Hazard Communication Standard (29 CFR 1910.1200)

Hazardous Non-Hazardous

CERCLA/SUPERFUND (40 CFR 117, 302)

Chemical Name	RQ (lbs.)/(kg)
N/A	N/A

SARA Extremely Hazardous Substances (40 CFR 355)

Chemical Name	TPQ (lbs.)	RQ (lbs.)
N/A	N/A	N/A

SARA Hazard Categories (40 CFR 370)

Acute Chronic Fire Pressure Reactive None

SARA Toxic Chemicals (40 CFR 372)

Chemical Name	CAS Number	%
N/A	N/A	N/A

Workplace Hazardous Materials Information System (CPR Section (33))

This product has been classified according to the hazard criteria of the Controlled Products Regulations, and the SDS contains all required information.

Controlled Product; Classification: D2B Not a Controlled Product

Inventory Status

The ingredients of this chemical are listed on the US TSCA Chemical Substance Inventory and the Canadian Domestic Substances List.

Toxic Substances Control Act

No specific regulations apply.

State Regulations**California Proposition 65**

Crystalline Silica – Warning – This chemical is known to the State of California to cause cancer.

Massachusetts Right to Know List

Carbon Black, Titanium Dioxide

Minnesota Hazardous Substance List

Carbon Black, Titanium Dioxide

New Jersey Right to Know List

Carbon Black (SN 0342), Titanium Dioxide (SN 1861)

Pennsylvania Right to Know List

Carbon Black, Titanium Dioxide

Rhode Island Hazardous Substance List

Carbon Black, Titanium Dioxide

16. OTHER INFORMATION

NFPA	Health Hazard: 2	Flammability: 1	Instability: 0	Physical and Chemical Hazards- Personal Protection: X
HMIS	Health Hazard: 2	Flammability: 1	Physical Hazard: 0	

Revision Date: 29-Apr-2021

Revision Note:

General Disclaimer

The information provided on this SDS is correct to the best of our knowledge, information, and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.