

SAFETY DATA SHEET

Issuing Date: May-2015

Revision Date: May-2015

Revision Number 1

1. IDENTIFICATION OF PRODUCT AND COMPANY

Product Name: wedi Joint Sealant

Recommended Uses: Flexible Sealant / Adhesive - * For Industrial and Professional Users

** The "Recommended Uses" identified for this product is provided solely to comply with a Federal requirement and is not part of the seller's published specification. The terms of this Safety Data Sheet (SDS) do not create or infer any warranty, express or implied, including by incorporation into or reference in the seller's sales agreement.*

Manufacturer Information: wedi Corporation
171 S. Gary Avenue
Carol Stream, IL 60188
USA

Emergency Telephone Number: Main Office Telephone: 847-357-9815
CHEMTREC: 800-424-9300

2. HAZARDS IDENTIFICATION

Classification:

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Skin Sensitization: 1
Reproductive Toxicity: 1B (fertility) – (animal data suggests)
Reproductive Toxicity: 1B (unborn child) - (animal data suggests)
Aquatic Environment: Acute hazard category 3
Aquatic Environment: Chronic hazard category 3

GHS Label Elements, Including Precautionary Statements



Signal Word: WARNING

Hazard Statement(s): Suspected of damaging fertility or the unborn child
Harmful to aquatic life with long lasting effects

Precautionary Statements – Prevention

Obtain special instructions before use.
 Do not handle until all safety precautions have been read and understood.
 Wear protective gloves/protective clothing/eye protection/face protection.
 Avoid breathing dust/fume/gas/mist/vapors/spray.
 Avoid release to the environment.

Precautionary Statements – Response

IF exposed or concerned: Call a POISON CENTER or doctor/physician.
 IF on skin or hair: wash with plenty of soap and water.
 IF skin irritation or rash occurs: Call a POISON CENTER or doctor/physician.

Precautionary Statements – Storage: Store in a secure area.

Precautionary Statements – Disposal: Dispose in accordance with local regulations.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight %	Trade Secret
Calcium Carbonate	1317-65-3	35 - 55	*
Titanium Dioxide	13463-67-7	< 1	*
Carbonic Acid, Calcium Salt	471-34-1	15 - 25	*
Carbon Black	1333-86-4	< 1	*
Proprietary Component	*	5 - 20	*

The exact percentage (concentration) of composition has been withheld as a trade secret

4. FIRST AID MEASURES

First Aid Measures

Eye Contact: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Keep eye wide open while rinsing. Do not rub affected area. Get medical attention if irritation develops and persists.

Skin Contact: Wash with soap and water. If skin irritation or rash occurs: Get medical advice/attention.

Inhalation: Remove to fresh air.

Ingestion: Rinse mouth immediately and drink plenty of water. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Call a physician.

Most Important Symptoms, and Effects, Both Acute and Delayed

Acute: Skin irritation and eye irritation

Delayed: Reproductive effects

Notes to Physician: Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media:	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. For small fires, use foam, co2, or dry chemical. For large fires, use water spray, fog, or foam.
Unsuitable Extinguishing Media:	None known.
Special Hazards Arising from the Chemical	
Hazardous Combustion Products:	Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.
Fire Fighting Measures:	Move material from fire area if it can be done without risk. Cool containers with water. Avoid inhalation of vapors or combustion by-products. Use extinguishing agents appropriate for surrounding fire. Dike for later disposal. Stay upwind and keep out of low areas.

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

Personal precautions:	Avoid contact with skin, eyes or clothing. Use personal protective equipment as required.
Other Information:	Refer to protective measures listed in Sections 7 and 8.
Environmental Precautions:	Refer to protective measures listed in Sections 7 and 8.
Methods and Material for Containment and Cleaning up	
Methods for Containment:	Prevent further leakage or spillage if safe to do so. Ventilate the area.
Methods for Cleaning Up:	Soak up with inert absorbent material. Pick up and transfer to properly labeled containers. Avoid release to the environment.

7. HANDLING AND STORAGE

Precautions for Safe Handling

Handling: Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Wear personal protective equipment (see section 8). Take off contaminated clothing and wash before reuse.

Conditions for Safe Storage, Including any Incompatibilities

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

Incompatible Products: Strong acids, strong oxidizing materials.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Exposure Guidelines

Chemical Name	ACGIH	OSHA PEL	NIOSH IDLH
Calcium Carbonate (1317-65-3)	-	TWA: 15 mg/m ³ total dust TWA: 5 mg/m ³ respirable fraction	TWA: 10 mg/m ³ total dust TWA: 5mg/m ³ respirable dust
Titanium Dioxide (13463-67-7)	TWA: 10 mg/m ³	TWA: 15 mg/m ³ total dust	
Carbonic Acid, Calcium Salt (471-34-1)	-	-	TWA: 10 mg/m ³ total dust TWA: 5 mg/m ³ respirable dust
Carbon Black (1333-86-4)	TWA: 3 mg/m ³ inhalable fraction	TWA: 3.5 mg/m ³	TWA: 3.5 mg/m ³ TWA: 0.1 mg/m ³ Carbon black in presence of Polycyclic aromatic hydrocarbons PAH

ACGIH TLV: American Conference of Governmental Industrial Hygienists – Threshold Limit Value

OSHA PEL: Occupational Safety and Health Administration – Permissible Exposure Limits Immediately Dangerous to Life or Health

Appropriate Engineering Controls

Engineering Measures: Provide local exhaust ventilation system. Ensure compliance with applicable exposure limits.

Individual Protection Measures, Such as Personal Protective Equipment

Eye/Face Protection: If splashes are likely to occur: Wear safety glasses with side shields (or goggles.) None required for consumer use.

Skin and Body Protection:	Wear protective gloves and protective clothing.
Respiratory Protection:	No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.
Hygiene Measures:	Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Wear suitable nitrile gloves and eye/face protection. Do not eat, drink or smoke when using this product. Wash hands before breaks and immediately after handling the product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid	Odor:	Mild
Appearance:	Paste	Odor Threshold:	Not Available
Physical Form:	Paste	Color:	Various
pH:	Not Available	Melting Point:	Not Available
Decomposition:	Not Available	Boiling Point:	Not Available
Evaporation Rate:	Not Available	Flash Point:	>200°F
OSHA Flammability Class:	Not Available	Vapor Pressure:	Not Available
Density:	Not Available	Vapor Density (air=1)	Not Available
Water Solubility:	Slightly Soluble	Specific Gravity (water=1)	1.5 +/- 15%
Log KOW:	Not Available	Coeff. Water/Oil Dist:	Not Available
KOC:	Not Available	VOC:	Not Available
Auto Ignition:	Not Available	Viscosity:	Not Available
Molecular Formula:	Not Available	Volatility:	Not Available

10. STABILITY AND REACTIVITY

Reactivity:	Stable.
Chemical Stability:	Stable under recommended storage conditions.
Possibility of Hazardous Reactions:	Will not polymerize.
Conditions to Avoid:	Avoid heat, flames, sparks, and other sources of ignition. Avoid contact with incompatible materials.
Incompatible Materials:	Avoid contact with oxidizers and acids.
Hazardous Decomposition Products:	Carbon oxides.

11. TOXICOLOGICAL INFORMATION

Information on Likely Routes of Exposure

Product Information

Inhalation:	May be harmful if inhaled.
Ingestion:	May be harmful if swallowed.
Skin Contact:	May cause irritation of the skin. May cause irritation, redness, itching and burning.
Eye Contact:	May cause irritation of the eyes. Contact may cause tearing, redness, a stinging or burning feeling, swelling, and blurred vision.

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Titanium Dioxide (13463-67-7)	> 10000 mg/kg (rat)		
Carbonic Acid, Calcium Salt (471-34-1)	6450 mg/kg (rat)		

Immediate Effects:	Skin irritation, eye irritation.
Delayed Effects:	N/A
Medical Conditions Aggravated by Exposure:	Skin disorders, eye disorders
Irritation/Corrosive Data:	Causes skin, eye and respiratory irritation.
Respiratory Sensitization:	N/A
Dermal Sensitization:	N/A
Germ Cell Mutagenicity:	N/A

Carcinogenicity:

Chemical Name	ACGIH	IARC	NTP	DFG	OSHA
Titanium Dioxide	A4	Group 2B		3A	X
Carbon Black	A3	Group 2B		3B	X

ACGIH (American Conference of Governmental Industrial Hygienists)

A3- Animal Carcinogen

A4 – Not classifiable as a Human Carcinogen

IARC (International Agency for Research on Cancer)

Group 2B – Possibly Carcinogenic to Humans

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

X - Present

DFG

3A – Could be carcinogenic for man, inhalable fraction with the exception of ultra small particles

3B – Could be carcinogenic for man, inhalable fraction

Reproductive Toxicity:	May damage fertility or the unborn child.
STOT – Single Exposure:	N/A
STOT – Repeated Exposure:	N/A
Chronic Toxicity:	No known effect based on information supplied. Titanium dioxide has been classified by the International Agency for Research on Cancer (IARC) as possibly carcinogenic to humans (Group 2B) by inhalation. This product contains titanium dioxide in a non-respirable form. Inhalation of titanium dioxide is unlikely to occur from exposure to this product. Carbon black has been classified by the International Agency for Research on Cancer (IARC) as possibly carcinogenic to humans (Group 2B) by inhalation. This product contains carbon black in a non-respirable form. Inhalation of carbon black is unlikely to occur from exposure to this product.
Target Organ Effects:	Eyes. Respiratory system. Skin. Gastrointestinal tract (GI). Lungs. Lymphatic System.
Aspiration Hazard:	No information available.

12. ECOLOGICAL INFORMATION

Eco-toxicity:	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Persistence and Degradability:	N/A
Bioaccumulation:	N/A
Other Adverse Effects:	N/A

13. DISPOSAL CONSIDERATIONS

Disposal Methods:	This material, as supplied, is not a hazardous waste according to Federal regulations (40CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.
Contaminated Packaging:	Dispose of contents/containers in accordance with local regulations.

14. TRANSPORT INFORMATION

US DOT:	Not regulated as a hazardous material.
TDG:	Not regulated as dangerous goods.
MEX:	Not regulated.
ICAO:	Not regulated.
IATA:	Not regulated.
IMDG/IMO:	Not regulated.
RID:	Not regulated.
ADR:	Not regulated.
ADN:	Not regulated.

15. REGULATORY INFORMATION

US Federal Regulations

None of this product's components are listed under:

SARA 302 - SARA 311/312 - SARA 313 – CERCLA – TSCA

Acute Health Hazard: No

Chronic Health Hazard: Yes

Fire Hazard: No

Sudden Release of Pressure Hazard: No

Reactive Hazard: No

US State Regulations

The Following Statement(s) are provided under the California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65):

WARNING! This product contains a chemical known to the state of California to cause cancer.

WARNING! This product contains a chemical known to the state of California to cause reproductive/development effects.

U.S. State Right-to-Know Regulations

Chemical Name	CA	MA	MN	NJ	PA
Calcium Carbonate 1317-65-3	No	Yes	Yes	Yes	Yes
Titanium Dioxide 13463-67-7	No	Yes	Yes	Yes	Yes
Carbon Black 1333-86-4	Yes	Yes	Yes	Yes	Yes

16. OTHER INFORMATION

Changes: New SDS Version 1

Disclaimer: The information contained herein is based on data gathered from other companies and organizations that are considered accurate.