Issue date 09/16/2024 Version 1 Revised on 09/16/2024

1. Identification

Product Identifier

Product Name 1490/1510/1520/1530 2-in-1 1K Seam Sealers - **Resin**

Other means of identification

SDS # 1490/1510/1520/1530 2-in-1 1K Seam Sealers - **Resin**

Recommended use of the chemical and restrictions on use

Recommended Use Adhesives. Sealant.

Details of the supplier of the safety data sheet

Supplier Address

Seymour of Sycamore
917 Crosby Avenue
Sycamore, IL 60178 USA

Seymour of Sycamore
3041 Dougall Avenue, Suite 503
Windsor, ONT N9E 1S3 CANADA

Emergency Telephone Number

Company Phone Number 815-895-9101 | 800-435-4482 (Canada)
Emergency Telephone (24 hr) 1-800-255-3924

2. Hazards Identification

Appearance Thick Black Paste **Physical State** Paste **Odor** Faint epoxy odor

Classification

Acute Toxicity - Oral	Category 4
Serious eye damage/eye irritation	Category 2A
Carcinogenicity	Category 1A
Reproductive Toxicity	Category 1B
Specific Target Organ Toxicity - Single Exposure	Category 1 (central nervous system)
Specific Target Organ Toxicity - Repeated Exposure	Category 1 (respiratory system)
Specific Target Organ Toxicity - Repeated Exposure	Category 2 (bladder)

Signal Word

Danger

Hazard Statements

Harmful if swallowed.
Causes serious eye irritation.
May cause cancer.
May damage fertility or the unborn child.
Causes damage to organs.
Causes damage to organs through prolonged or repeated exposure.
May cause damage to organs through prolonged or repeated exposure.

Precautionary Statements - Prevention

Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Wear eye protection/face protection.
Do not breathe dust/fume/gas/mist/vapors/spray.
Wash thoroughly after handling.
Do not eat, drink or smoke when using this product.

(Contd. on page 2)

Precautionary Statements - Response

If exposed: Call a POISON CENTER or doctor/physician.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell. Rinse mouth.
Get medical advice/attention if you feel unwell. Specific treatment (see label).

Precautionary Statements - Storage

Store locked up

Precautionary Statements - Disposal

Dispose of contents/container in accordance with local/regional/national/international regulations.

Other Hazards

Toxic to aquatic life with long lasting effects

Unknown Acute Toxicity

Oral 71.91% of the mixture consists of ingredients) of unknown acute toxicity.

3. Composition/Information On Ingredients

Chemical Name	CAS No	Weight-%
Calcium carbonate	1317-65-3	30-60
Carbonic acid, calcium salt (1:1)	471-34-1	15-40
Titanium dioxide (White, Gray, Beige and Neutral only)	13463-67-7	1-5
Organosilane	2768-02-7	1-5
Dibutyltin oxide	818-08-6	0.1-1
Diisononyl phthalate	28553-12-0	15-40
Carbon black (*used in Black only)	1333-86-4	0.05-<0.1

If Chemical Name/CAS No is “proprietary” and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. First-Aid Measures

First Aid Measures

Eye Contact

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention

Skin Contact

IF ON SKIN Wash with plenty of soap and water If skin irritation or rash occurs: Get medical advice/attention Take off contaminated clothing and wash before reuse

Inhalation

IF INHALED: If breathing is difficult, remove person to fresh air and keep at rest in a position comfortable for breathing Call a POISON CENTER or doctor/physician if you feel unwell.

Ingestion

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician Do NOT induce vomiting

Most important symptoms and effects

Acute

Harmful if swallowed. Causes serious eye irritation.

Delayed

May cause cancer. May damage fertility or the unborn child. Causes damage to organs. Causes damage to organs through prolonged or repeated exposure. May cause damage to organs through prolonged or repeated exposure.

(Contd. on page 3)

5. Fire-Fighting Measures

Suitable Extinguishing Media — Use carbon dioxide, regular dry chemical, regular foam or water.

Unsuitable Extinguishing Media — Do not use high-pressure water streams.

Specific Hazards Arising from the Chemical — Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons

Hazardous Combustion Products — Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.

Advice for firefighters — Heating may cause an explosion. Containers may rupture or explode.

Fire Fighting Measures — Keep away from sources of ignition - No smoking Move material from fire area if it can be done without risk Avoid inhalation of vapors or combustion by-products. Dike for later disposal. Stay upwind and keep out of low areas.

Special Protective Equipment and Precautions for Firefighters — A positive-pressure, self-contained breathing apparatus (SCBA) and full-body protective equipment are required for fire emergencies.

6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Personal Precautions — Wear protective clothing as described in Section 8 of this safety data sheet.

Environmental Precautions — Do not flush into sanitary sewer systems, drains or surface water. Avoid release to the environment.

Methods and material for containment and cleaning up

Methods for Clean-Up — Keep unnecessary people away, isolate hazard area and deny entry. In case of spillage, stop the flow of material and block any potential routes to water systems. Only personnel trained for the hazards of this material should perform clean up and disposal.

7. Handling And Storage

Precautions for safe handling

Advice on Safe Handling — Do not handle until all safety precautions have been read and understood. Keep away from all ignition sources. Avoid contact with eyes and skin. Do not eat, drink or smoke when using this product. Always wear recommended personal protective equipment. Wear personal protective clothing and equipment, see Section 8. Take precautionary measures against static discharge.

Conditions for safe storage, including any incompatibilities

Storage Conditions — Store locked up. Store in a cool dry place. Store in a well-ventilated area. Keep separated from incompatible substances. Keep container tightly closed. Empty containers may contain product residue. Store and handle in accordance with all current regulations and standards. Avoid contact with temperatures above 120 C.

Incompatible Materials — Strong oxidizer. strong acids.

(Contd. on page 4)

8. Exposure Controls/Personal Protection

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH	Mexico
Calcium carbonate 1317-65-3		15 mg/m3 TWA total dust ; 5 mg/m3 TWA respirable fraction	10 mg/m3 TWA total dust ; 5 mg/m3 TWA respirable dust	10 mg/m3 TWA VLE-PPT 20 mg/m3 STEL [PPT-CT]
Carbonic acid, calcium salt (1:1) - 471-34-1			10 mg/m3 TWA total dust ; 5 mg/m3 TWA respirable dust	
Titanium dioxide 13463-67-7	10 mg/m3 TWA	15 mg/m3 TWA total dust	2.4 mg/m3 TWA (CIB 63) fine; 0.3 mg/m3 TWA (CIB 63) ultrafine, including engineered nanoscale 5000 mg/m3 IDLH	10 mg/m3 TWA VLE-PPT as Ti 20 mg/m3 STEL [PPT-CT] as Ti
Carbon black 1333-86-4	3 mg/m TWA inhalable particulate matter	3.5 mg/m3 TWA	3.5 mg/m3 TWA; 0.1 mg/m3 TWA (Carbon black in presence of Polycyclic aromatic hydrocarbons) as PAH 1750 mg/m3 IDLH	3.5 mg/m3 TWA VLE-PPT 7 mg/m3 STEL [PPT-CT]

ACGIH - Threshold Limit Values -

Biological Exposure Indices (BEI There are no biological limit values for any of this product's components.

Engineering Controls Ventilation equipment should be explosion-resistant if explosive concentrations of material are present. Provide local exhaust or process enclosure ventilation system.

Individual protection measures, such as personal protective equipment

Eye/Face Protection Wear splash resistant safety goggles with a faceshield.

Glove Recommendations Wear appropriate chemical resistant gloves.

Respiratory Protection Selection and use of respiratory protective equipment should be in accordance in the USA with OSHA General Industry Standard 29 CFR 1910.134; or in Canada with CSA Standard Z94.4.

Protective Materials Wear appropriate chemical resistant clothing.

(Contd. on page 5)

9. Physical And Chemical Properties

Information on basic physical and chemical properties

Physical State : Paste

Appearance: Solid

Color: black, white, gray

Odor: Mild

Odor Threshold: Not available

Property	Values	Remarks • Method
pH	Not available	
Melting Point/Freezing Point	Not available	
Boiling Point/Boiling Range	Not available	
Flash Point	> 93.33 °C / > 200 °F	
Evaporation Rate	Not available	
Flammability (Solid, Gas)	Not available	
Upper Flammability Limits	Not available	
Lower Flammability Limit	Not available	
Vapor Pressure	Not available	
Vapor Density	Not available	
Specific Gravity	1.3 - 1.7	(1=Water)
Water Solubility	slightly soluble	
Solubility in other solvents	Not available	
Partition Coefficient	Not available	
Auto-ignition Temperature	Not available	
Decomposition Temperature	Not available	
Kinematic Viscosity	Not available	
Dynamic Viscosity	Not available	
Explosive Properties	Not available	
Oxidizing Properties	Not available	

10. Stability And Reactivity

Reactivity No reactivity hazard is expected.

Chemical Stability Stable at normal temperatures and pressure.

Possibility of Hazardous Reactions Will not polymerize.

Conditions to Avoid Avoid heat, flames, sparks and other sources of ignition. Avoid contact with incompatible materials. Avoid contact with temperatures above 120 C..

Incompatible Materials Strong acids. Strong oxidizer.

Hazardous Decomposition Products Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons

11. Toxicological Information

Information on likely routes of exposure

Product Information

Eye Contact Causes serious eye irritation.

Skin Contact May cause skin irritation.

Inhalation May be harmful if inhaled.

Ingestion Harmful if swallowed.

(Contd. on page 6)

Acute and Chronic Toxicity

Component Analysis - LD50/LC50

The components of this material have been reviewed in various sources and the following selected endpoints are published:

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Carbonic acid, calcium salt (1:1) (471-34-1)	Rat 6450 mg/kg		
Titanium dioxide (13463-67-7)	Rat > 10000 mg/kg		
Organosilane (2768-02-7)	Rat 7340 uL/kg		
Dibutyltin oxide (818-08-6)	Rat 44.9 mg/kg		
Diisononyl phthalate (28553-12-0)	Rat >9750 mg/kg		Rat >4.4 mg/L 4 h (no deaths occurred)
Carbon Black - 1333-86-4	> 15400 mg/kg (Rat)		

Product Toxicity Data

Acute Toxicity Estimate Oral - 1261.241 mg/kg

Immediate Effects Harmful if swallowed. Causes serious eye irritation.

Delayed Effects May cause cancer. May damage fertility or the unborn child. Causes damage to organs. Causes damage to organs through prolonged or repeated exposure. May cause damage to organs through prolonged or repeated exposure.

Irritation/Corrosivity Data Causes serious eye irritation.

Respiratory Sensitization No information on significant adverse effects.

Dermal Sensitization No information on significant adverse effects

Component Carcinogenicity

Chemical Name	ACGIH	IARC	DFG	NIOSH	OSHA
Titanium dioxide - 13463-67-7	A4	Group 2B	Category 3A	potential occupational carcinogen	X
Carbon Black 1333-86-4	A3	Group 2B	Category 3B	potential occupational carcinogen	X

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 this study, DuPont concluded that titanium dioxide pigment will not cause lung cancer or chronic respiratory disease in humans at concentrations experienced in the workplace.

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
DFG:
Category 3A (could be carcinogenic for man inhalable fraction with the exception of ultra small particles)
Category 3B (could be carcinogenic for man ;inhalable fraction)
OSHA (Occupational Safety and Health Administration of the US Department of Labor)
X - Present

Germ Cell Mutagenicity No information on significant adverse effects.

Tumorigenic Data No information on significant adverse effects.

Reproductive Toxicity May damage fertility or the unborn child.

Specific Target Organ Toxicity - Single Exposure Central nervous system.

Specific Target Organ Toxicity - Repeated Exposure Respiratory system. Bladder.

Aspiration hazard No information on significant adverse effects.

Medical Conditions Aggravated by Exposure No data available.

(Contd. on page 7)

12. Ecological Information

Ecotoxicity May cause long lasting harmful effects to aquatic life.

Component Analysis

Aquatic Toxicity

Chemical Name	Algae/aquatic plants	Fish	Crustacea
Diisonony phthalate - 28553-12-0	EC50 72 h Desmodesmus subspicatus >500 mg/L IUCLID ; EC50 96 h Pseudokirchneriella subcapitata > 1.8 mg/L [static] EPA	LC50 96 h Brachydanio rerio >100 mg/L [semi-static | ; LC50 96 h Lepomis macrochirus >0.14 mg/L [flow-through | ; LC50 96 h Lepomis macrochirus >0.17 mg/L [static]; LC50 96 h Pimephales promelas >0.19 mg/L [flow-through]; LC50 96 h Pimephales promelas >0.14 mg/L [static 1	EC50 48 h Daphnia magna >500 mg/L IUCLID; EC50 48 h Daphnia magna >0.06 mg/L [Static] EPA

13. Disposal Considerations

Disposal Methods Dispose in accordance with all applicable federal, state/regional and local laws and regulations..

Component Waste Numbers The U.S. EPA has not published waste numbers for this product's components.

14. Transport Information

DOT Not regulated as dangerous goods

IATA Not regulated as dangerous goods

ICAO Not regulated as dangerous goods

IMDG
Marine Pollutant Not regulated as dangerous goods

International Bulk Chemical Code This material contains one or more of the following chemicals required by the IBC Code to be identified as dangerous chemicals in bulk.

Titanium dioxide 13463-67-7 IBC Code: Category Z (slurry)

15. Regulatory Information

International Inventories

Legend:
- **TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory
- **DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List
- **EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
- **ENCS** - Japan Existing and New Chemical Substances
- **IECSC** - China Inventory of Existing Chemical Substances
- **KECL** - Korean Existing and Evaluated Chemical Substances
- **PICCS** - Philippines Inventory of Chemicals and Chemical Substances

U.S. Federal Regulations None of this product's components are listed under SARA Sections 302/304 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65), CERCLA (40 CFR 302.4), TSCA 12(6), or require an OSHA process safety plan.

(Contd. on page 8)

SARA Section 311/312 (40 CFR 370 Subparts B and C) reporting categories

Carcinogenicity; Acute toxicity; Reproductive Toxicity; Serious Eye Damage/Eye Irritation; Specific Target Organ Toxicity

US State Regulations

The following components appear on one or more of the following state hazardous substances lists:

Chemical Name	California	Massachusetts	Minnesota	New Jersey	Pennsylvania
Calcium carbonate - 1317-65-3		X	X	X	X
Titanium dioxide - 13463-67-7		X	X	X	X
Carbon Black - 1333-86-4	X	X	X	X	X

California Proposition 65

This product can expose you to chemicals including Titanium dioxide, Disononyl phthalate, Carbon black, which are known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

Chemical Name	California Proposition 65
Titanium dioxide - 13463-67-7	Carcinogen, 9/2/2011 (airborne, unbound particles of respirable size)
Diisononyl phthalate - 28553-12-0	Carcinogen, 12/20/2013
Carbon Black - 1333-86-4	Carcinogen, 2/21/2003 (airborne, unbound particles of respirable size)

Canada Regulations

Canadian WHMIS Ingredient Disclosure List (IDL)

Components of this material have been checked against the Canadian WHMIS Ingredients Disclosure List. The List is composed of chemicals which must be identified on MSDSs if they are included in products which meet WHMIS criteria specified in the Controlled Products Regulations and are present above the threshold limits listed on the IDL

Dibutyltin oxide - 818-08-6 1%
Carbon black - 1333-86-4 1%

Component Analysis - Inventory

Chemical Name	US	CA	EU	AU	PH	JP-ENCS	JP-ISHL	KR KECI-Annex 1	KR KECI-Annex 2	KR - REACH CCA	CN	NZ	MX	TW	VN (draft)
Calcium carbonate 1317-65-3	Y	NSL	EIN	Y	Y	Y	Y	Y	N	N	Y	Y	Y	Y	Y
Carbonic acid calcium salt (1:1) 471-34-1	Y	DSL	EIN	Y	Y	Y	Y	Y	N	N	Y	Y	Y	Y	Y
Titanium dioxide 13463-67-7	Y	DSL	EIN	Y	Y	Y	Y	Y	N	N	Y	Y	Y	Y	Y
Organosilane 2768-02-7	Y	DSL	EIN	Y	Y	Y	Y	Y	N	N	Y	Y	N	Y	Y
Dibutyltin oxide 818-08-0	Y	DSL	EIN	Y	Y	Y	Y	Y	N	N	Y	Y	N	Y	Y
Diisononyl phthalate 28553-12-0	Y	DSL	EIN	Y	Y	Y	Y	Y	N	N	Y	Y	Y	Y	Y
Carbon black 1333-86-4	Y	DSL	EIN	Y	Y	Y	Y	Y	N	N	Y	Y	Y	Y	Y

(Contd. on page 9)

16. Other Information

NFPA	**Health Hazards** 2	**Flammability** 1	**Instability** 0	**Special Hazards** Not determined
HMIS	**Health Hazards** Not determined	**Flammability** Not determined	**Physical Hazards** Not determined	**Personal Protection** Not determined

Summary of Changes Section 2 - HAZARDS IDENTIFICATION. Section 11 - TOXICOLOGICAL INFORMATION. Section 15 - REGULATORY INFORMATION. California Safe Drinking Water and Toxic Enforcement Act (Proposition 65).

Preparation Date 8/10/2018

Issue Date: 09/16/2024

Key/Legend

ACGIH - American Conference of Governmental Industrial Hygienists; ADR - European Road Transport; AU - Australia; BOD - Biochemical Oxygen Demand; C - Celsius; CA - Canada; CA/MA/MN/NJ/PA - California/ Massachusetts/Minnesota/New Jersey/Pennsylvania*; CAS - Chemical Abstracts Service; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CFR - Code of Federal Regulations (US); CLP - Classification, Labelling, and Packaging; CN - China; CPR - Controlled Products Regulations; DFG - Deutsche Forschungsgemeinschaft; DOT - Department of Transportation; DSD - Dangerous Substance Directive;

DSL - Domestic Substances List; EC - European Commission; EEC - European Economic Community; EIN - European Inventory of (Existing Commercial Chemical Substances); EINECS - European Inventory of Existing Commercial Chemical Substances; ENCS - Japan Existing and New Chemical Substance Inventory; EPA - Environmental Protection Agency; EU - European Union; F - Fahrenheit; F - Background (for Venezuela Biological Exposure Indices); IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; ICAO - International Civil Aviation Organization; IDL - Ingredient Disclosure List; IDLH - Immediately Dangerous to Life and Health; IMDG - International Maritime Dangerous Goods; ISHL - Japan Industrial Safety and Health Law; IUCLID - International Uniform Chemical Information Database; JP - Japan;

Kow - Octanol/water partition coefficient; KR KECI Annex 1 - Korea Existing Chemicals Inventory (KECI) / Korea Existing Chemicals List (KECL); KR KECI Annex 2 - Korea Existing Chemicals Inventory (KECI) / Korea Existing Chemicals List (KECL), KR - Korea; LD50/LC50 - Lethal Dose/ Lethal Concentration; LEL - Lower Explosive Limit; LLV - Level Limit Value; LOLI - List Of LIstsIM - ChemADVISOR's Regulatory Database; MAK - Maximum Concentration Value in the Workplace; MEL - Maximum Exposure Limits; MX - Mexico; Ne- Non-specific; NFPA - National Fire Protection Agency; NIOSH - National Institute for Occupational Safety and Health;

NJTSR - New Jersey Trade Secret Registry; Nq - Non-quantitative; NSL - Non-Domestic Substance List (Canada); NTP - National Toxicology Program; NZ - New Zealand; OSHA - Occupational Safety and Health Administration; PEL- Permissible Exposure Limit; PH - Philippines; RCRA - Resource Conservation and Recovery Act; REACH- Registration, Evaluation, Authorisation, and restriction of Chemicals; RID - European Rail Transport; SARA - Superfund Amendments and Reauthorization Act; Sc - Semi-quantitative; STEL - Short-term Exposure Limit;

TCCA - Korea Toxic Chemicals Control Act; TDG - Transportation of Dangerous Goods; TLV - Threshold Limit Value; TSCA - Toxic Substances Control Act; TW - Taiwan; TWA - Time Weighted Average; UEL - Upper Explosive Limit; UN/NA - United Nations /North American; US - United States; VLE - Exposure Limit Value (Mexico); VN (Draft) - Vietnam (Draft); WHMIS - Workplace Hazardous Materials Information System (Canada).

Disclaimer

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End of Safety Data Sheet