Section 1 - PRODUCT AND COMPANY IDENTIFICATION

Material Name: Sure-White Lap Sealant
Synonym: Sealant
Chemical Family: Solvent Based Sealant
Product Use: Sealant for EPDM Single-Ply Roofing Membranes
Restrictions on Use: For industrial use only**.**

Manufacturer Information

Carlisle SynTec
1285 Ritner Highway
Carlisle, PA 17013
USA
Phone: +1-800-479-6832
Emergency Phone #: +1-800-424-9300 (CHEMTREC)

Section 2 - HAZARDS IDENTIFICATION

Classification in accordance with paragraph (d) of 29 CFR 1910.1200.
Flammable Solid - Category 1
Skin Corrosion/Irritation - Category 2
Specific Target Organ Toxicity - Single Exposure - Category 3
Carcinogen- Category 1B

GHS label elements

Symbol(s)

Signal word
Danger

Hazard statement(s)
Flammable solid
Causes skin irritation
May cause drowsiness or dizziness
May cause cancer

Precautionary statement(s)
Prevention
Obtain special instructions before use.
Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

Wear protective gloves/protective clothing/eye protection/face protection.
IF ON SKIN: Wash with plenty of water.
IF INHALED: Remove person to fresh air and keep comfortable for breathing.
IF exposed or concerned: Get medical advice/attention.
In case of fire: Use ABC powder extinguisher to put out.
Dispose of contents and/or container in accordance with regulations on hazardous waste or packaging and packaging waste respectively.

Other hazards
None

Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS

Chemical characterization: Mixtures
Description: Mixture of the substances listed below with nonhazardous additions.

CAS	Component Name	Percent
64742-89-8	Naphtha (petroleum), hydrotreated light low boil	25-50
14808-60-7	Quartz (1% < RCS < 10%)	≤ 1

Additional information:
Remaining components are non-hazardous and/or present at amounts below reportable limits. The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret in accordance with paragraph (i) of 29 CFR 1910.1200.

Section 4 - FIRST AID MEASURES

Description of first aid measures
The symptoms resulting from intoxication can appear after exposure, therefore, in case of doubt, seek medical attention for direct exposure to the chemical product or persistent discomfort, showing the SDS of this product.

After inhalation:
Remove the person affected from the area of exposure, provide with fresh air and keep at rest. In serious cases such as cardiorespiratory failure, artificial resuscitation techniques will be necessary (mouth to mouth resuscitation, cardiac massage, oxygen supply, etc.) requiring immediate medical assistance.

After skin contact:
Remove contaminated clothing and footwear, rinse skin or shower the person affected if appropriate with plenty of cold water and neutral soap. In serious cases see a doctor. If the product causes burns or freezing, clothing should not be removed as this could worsen the injury caused if it is stuck to the skin. If blisters form on the skin, these should never be burst as this will increase the risk of infection.

After eye contact:
Rinse eyes thoroughly with lukewarm water for at least 15 minutes. Do not allow the person affected to rub or close their eyes. If the injured person uses contact lenses, these should be removed unless they are stuck to the eyes, as this could cause further damage. In all cases, after cleaning, a doctor should be consulted as quickly as possible with the SDS of the product.

After swallowing:
Do not induce vomiting, but if it does happen keep the head down to avoid aspiration. Keep the person affected at rest. Rinse out the mouth and throat, as they may have been affected during ingestion.

Information for doctor:
Most important symptoms and effects, both acute and delayed
Acute and delayed effects are indicated in sections 2 and 11.

Indication of any immediate medical attention and special treatment needed
No further relevant information available.

Section 5 - FIRE FIGHTING MEASURES

Extinguishing media

Suitable extinguishing agents

Product is non-flammable under normal conditions of storage, manipulation and use, but the product contains flammable substances. In the case of inflammation as a result of improper manipulation, storage or use preferably use polyvalent powder extinguishers (ABC powder), in accordance with the Regulation on fire protection systems.

Unsuitable extinguishing agents
IT IS RECOMMENDED NOT to use full jet water as an extinguishing agent.

Special hazards arising from the chemical
As a result of combustion or thermal decomposition reactive sub-products are created that can become highly toxic and, consequently, can present a serious health risk.

Advice for firefighters

Depending on the magnitude of the fire it may be necessary to use full protective clothing and individual respiratory equipment. Minimum emergency facilities and equipment should be available (fire blankets, portable first aid kit,...)

Additional provisions:

As in any fire, prevent human exposure to fire, smoke, fumes or products of combustion. Only properly trained personnel should be involved in firefighting. Evacuate nonessential personnel from the fire area. Destroy any source of ignition. In case of fire, refrigerate the storage containers and tanks for products susceptible to inflammation. Avoid spillage of the products used to extinguish the fire into an aqueous medium.

Section 6 - ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Sweep up and shovel product or other means and place in container for reuse (preferred) or disposal. Remove any source of ignition. Eliminate electrostatic charges by interconnecting all the conductive surfaces on which static electricity could form, and also ensuring that all surfaces are connected to the ground.

For emergency responders
Wear protective equipment. Keep unprotected persons away. See section 8.

Environmental precautions:
This product is not classified as hazardous to the environment. Do not allow to enter sewers/ surface or ground water.

Methods and materials for containment and cleaning up
For accidental releases in excess of reportable quantities (RQ) (Table 302.4), refer to 40 CFR 302 for detailed instructions concerning reporting requirements and notify the National Response Center (800) 424-8802. Sweep up and shovel product or other means and place in container for reuse (preferred) or disposal

Reference to other sections
See sections 8 and 13.

Section 7 - HANDLING AND STORAGE

Handling:
Precautions for safe handling

with the current standards 29 CFR 1910 Occupational Safety and Health Standards. Keep containers hermetically sealed. Control spills and residues, destroying them with safe methods (section 6). Avoid leakages from the container. Maintain order and cleanliness where dangerous products are used. For the prevention of fires and explosions AVOID ANY IGNITION SOURCE, as well as combustible and/or inflammable material. Devices and systems must comply with the essential safety and health requirements and, with the minimum requirements for improving the health and safety protection of workers. Consult section 10 for conditions and materials that should be avoided. Technical recommendations on general occupational hygiene Do not eat or drink during the process, washing hands afterwards with suitable cleaning products. Technical recommendations to prevent environmental risks It is recommended to have absorbent material available at close proximity to the product (See subsection 6.3)

Conditions for safe storage, including any incompatibilities

Store between 41ºF and 90ºF. Avoid sources of heat, radiation, static electricity, and contact with food. For additional information see subsection 10.5

Specific end use(s) No further relevant information available.

Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters

Component with Limit Values that Require Monitoring at the Workplace:
The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit.
At this time, the remaining constituent has no known exposure limits.

Titanium dioxide (13463-67-7)	
OSHA PEL	15 mg/m³ (8 hour TWA)
US ACGIH TWA	2.5 mg/m³
Calcium oxide (1305-78-8)	
OSHA PEL	5 mg/m³ (8-hour TWA)
US ACGIH TWA	2 mg/m³
CA PEL	2 mg/m³
Limestone (1317-65-3)	
OSHA PEL	5 mg/m³ (8-hour TWA)
US ACGIH TWA	10 mg/m³
US ACGIH STEL	20 mg/m³
Quarts 1% < RCS < 10% (14808-60-7)	
US ACGIH TWA	0.25 mg/m³
CA PEL	0.05 mg/m³

Biological limit value
There are no biological limit values for any of this product's components.

Appropriate Engineering Controls

Engineering Controls
As a preventative measure it is recommended to use basic Personal Protection Equipment. For more information on Personal Protection Equipment (storage, use, cleaning, maintenance, class of protection,…) consult the information leaflet provided by the manufacturer. For more information see

subsection 7.1. All information contained herein is a recommendation, the information on clothing performance must be combined with professional judgment, and a clear understanding of the clothing application, to provide the best protection to the worker. All chemical protective clothing use must be based on a hazard assessment to determine the risks for exposure to chemicals and other hazards. Conduct hazard assessments in accordance with 29 CFR 1910.132. Provide local exhaust ventilation system. Ensure compliance with applicable exposure limits.

Individual Protection Measures, such as Personal Protective Equipment

Eye/face protection

Wear safety glasses with side shields. Provide an emergency eye wash fountain and quick drench shower in the immediate work area.

Skin Protection

Wear work clothes with long sleeves. Wear chemical resistant clothing and rubber boots when potential for contact with the material exists. Recommended material: protective skin cream.

Respiratory Protection

A NIOSH approved air-purifying respirator with an appropriate cartridge or canister may be appropriate under certain circumstances where airborne concentrations are expected to exceed exposure limits.

Glove Recommendations

Wear appropriate chemical resistant gloves.

Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

General Information

Appearance	Paste	**Physical State**	Solid
Odor	Not available	**Color**	White
Odor Threshold	Not available	**pH**	Not available
Melting Point	Not available	**Boiling Point**	104 °C (219 °F)
Freezing point	Not available	**Evaporation Rate**	Not available
Boiling Point Range	Not available	**Flammability (solid, gas)**	Not available
Autoignition	200 °C (392 °F)	**Flash Point**	17.7 °C (64 °F)
Lower Explosive Limit	0.9 %	**Decomposition**	Not available
Upper Explosive Limit	6.7 %	**Vapor Pressure**	Not available
Vapor Density (air=1)	Not available	**Specific Gravity (water=1)**	Not available
Water Solubility	Not available	**Partition coefficient: n-octanol/water**	Not available

Viscosity	>20.5 mm^2/s	**Solubility (Other)**	Not available
Density	1.03	**VOC**	Not available

Other Information
No additional information available.

Section 10 - STABILITY AND REACTIVITY

Reactivity: No further relevant information available.

Chemical stability: Chemically stable under the indicated conditions of storage, handling and use.

Possibility of hazardous reactions: No dangerous reactions known.

Conditions to avoid: Heat, flames, sparks, hot surfaces, ignition sources.

Incompatible materials: Avoid oxidizing agents, strong acids, and strong alkalis or bases.

Hazardous decomposition products: Depending on the decomposition conditions, complex mixtures of chemical substances can be released: carbon dioxide (CO_2), carbon monoxide and other organic compounds.

Section 11 - TOXICOLOGICAL INFORMATION

Information on Likely Routes of Exposure

Inhalation
May cause respiratory irritation. May cause drowsiness or dizziness.

Skin Contact
Causes skin irritation.

Eye Contact
Not classified as an eye irritant.

Ingestion
May cause gastrointestinal irritation.

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:

Solvent naphtha, petroleum, light aliphatic (64742-89-8)
Oral LD50 Rat >2000 mg/kg
Dermal LD50 Rat >2000 mg/kg
Inhalation LC50 Rat >5000 ppm 1 hr

Quartz (1% < RCS < 10%)
Oral LD50 >5000 mg/kg
Dermal LD50 >5000 mg/kg
Inhalation LC50 >5 mg/L

Immediate Effects
Causes skin irritation. May cause drowsiness or dizziness.

Delayed Effects
May cause cancer.

Irritation/Corrosivity Data
Causes skin irritation.

Respiratory Sensitization
No data available.

Dermal Sensitization
No data available

Component Carcinogenicity

IARC (International Agency for Research on Cancer)		
13463-67-7	titanium dioxide	2B
14808-60-7	non-respirable quartz	1

Germ Cell Mutagenicity
No data available.

Tumorigenic Data
No data available

Reproductive Toxicity
No data available.

Specific Target Organ Toxicity - Single Exposure
Central nervous system

Specific Target Organ Toxicity - Repeated Exposure
Respiratory system, central nervous system

Aspiration hazard
May be fatal if swallowed and enters airways.

Medical Conditions Aggravated by Exposure
No data available.

Additional Data
No further information available.

Component Carcinogenicity

IARC (International Agency for Research on Cancer)		
13463-67-7	titanium dioxide	2B
14808-60-7	non-respirable quartz	1

Section 12 - ECOLOGICAL INFORMATION

Toxicity
Aquatic toxicity: Not expected to be harmful to aquatic organisms.

Persistence and degradability: No further relevant information available.

Behavior in environmental systems:
Bioaccumulative potential: No further relevant information available.

Mobility in soil: No further relevant information available.

Additional ecological information:
General notes:
At present there are no ecotoxicological assessments.
Water hazard class 1 (Self-assessment): slightly hazardous for water
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

Results of PBT and vPvB assessment
PBT: No applicable.
vPvB: Not applicable.
Other adverse effects: No further relevant information available.

Section 13 - DISPOSAL CONSIDERATIONS

Disposal methods:

The characteristic of reactivity per RCRA could apply to the unused product if it becomes a waste material. The EPA hazardous waste number D003 could apply.

Waste management (disposal and evaluation):

Follow RCRA framework and EPA regulation for to ensure that hazardous waste is managed safely and properly. Waste should not be disposed of into drains. Remind, It is the responsibility of the waste generator to evaluate whether his wastes are hazardous by characteristics or listing. See section 6 for further information about Accidental release measures.

Regulations related to waste management:

40 CFR Solid Wastes - Part 239 through 282. State regulatory requirements for generators may be more stringent than those in the federal program. Be sure to check the state´s policies.

Section 14 - TRANSPORT INFORMATION

UN-Number
DOT, IMDG, IATA UN1325

UN proper shipping name
DOT Flammable solids, organic, n.o.s. (Naphtha)
IDMG, IATA FLAMMABLE SOLID, ORGANIC, N.O.S. (Naphtha)

Transport hazard class(es)
DOT

Class 4.1 Flammable solids, self-reactive substances and solid desensitized explosives
Label 4.1

IMDG, IATA

Class 4.1 Flammable solids, self-reactive substances and solid desensitized explosives
Label 4.1

Packing Group
DOT, IMDG, IATA II

Environmental hazards Not applicable.

Special precautions for user Warning: Flammable solids, self-reactive substances and solid desensitized explosives

EMS Number: F-A,S-G

Transport in bulk according to Annex II of MARPOL 74/78 and the IBC Code Not applicable.

UN "Model Regulation": UN 1325 FLAMMABLE SOLID, ORGANIC, N.O.S. (NAPHTHA), 4.1, II

Section 15 - REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture

- CALIFORNIA LABOR CODE - The Hazardous Substances List: Calcium oxide (1305-78-8) - California Proposition 65 (the Safe Drinking Water and Toxic Enforcement Act of 1986) - Birth defects or other reproductive harm: Not applicable (N/A)

- California Proposition 65 (the Safe Drinking Water and Toxic Enforcement Act of 1986) - Cancer: Not applicable (N/A)

- CANADA-Domestic Substances List (DSL): Naphtha (petroleum), hydrotreated light, < 0.1 % EC 200-753-7 (64742-49-0) ; Titanium dioxide (13463-67-7) ; Calcium oxide (1305-78-8) ; Quartz (1 %< RCS < 10%) (14808-60-7) ; Synthetic Silicon Dioxide (112945-52-5) ; Stearic acid (57-11-4) ; Quaternary ammonium compounds, bis(hydrogenated tallow alkyl)dimethyl, salts with bentonite (68953-58-2)

- CANADA-Non-Domestic Substances List (NDSL): Limestone (1317-65-3)

- Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) - Reportable Quantities: Not applicable (N/A)

- Hazardous Air Pollutants (Clean Air Act): Not applicable (N/A)

- Massachusetts RTK - Substance List: Naphtha (petroleum), hydrotreated light, < 0.1 % EC 200-753-7 (64742-49-0) ; Titanium dioxide (13463-67-7) ; Calcium oxide (1305-78-8) ; Limestone (1317-65-3) ; Quartz (1 %< RCS < 10%) (14808-60-7)

- Minnesota - Hazardous substances ERTK: Naphtha (petroleum), hydrotreated light, < 0.1 % EC 200-753-7 (64742-49-0) ; Titanium dioxide (13463-67-7) ; Calcium oxide (1305-78-8) ; Limestone (1317-65-3) ; Quartz (1 %< RCS < 10%) (14808-60-7)

- New Jersey Worker and Community Right-to-Know Act: Naphtha (petroleum), hydrotreated light, < 0.1 % EC 200-753-7 (64742-49-0) ; Titanium dioxide (13463-67-7) ; Calcium oxide (1305-78-8) ; Limestone (1317-65-3) ; Quartz (1 %< RCS < 10%) (14808-60-7)

- New York RTK - Substance list: Titanium dioxide (13463-67-7) ; Calcium oxide (1305-78-8) - NTP (National Toxicology Program): Naphtha (petroleum), hydrotreated light, < 0.1 % EC 200-753-7 (64742-49-0) ; Quartz (1 %< RCS < 10%) (14808-60-7)

- OSHA Specifically Regulated Substances (29 CFR 1910.1001-1096): Quartz (1 %< RCS < 10%) (14808-60-7)

- Pennsylvania Worker and Community Right-to-Know Law: Naphtha (petroleum), hydrotreated light, < 0.1 % EC 200-753-7 (64742-49-0) ; Titanium dioxide (13463-67-7) ; Calcium oxide (1305-78-8) ; Limestone (1317-65-3) ; Quartz (1 %< RCS < 10%) (14808-60-7)

- Rhode Island - Hazardous substances RTK: Not applicable (N/A)

- The Toxic Substances Control Act (TSCA) : Naphtha (petroleum), hydrotreated light, < 0.1 % EC 200-753-7 (64742-49-0) ; Titanium dioxide (13463-67-7) ; Calcium oxide (1305-78-8) ; Limestone (1317-65-3) ; Quartz (1 %< RCS < 10%) (14808-60-7) ; Stearic acid (57-11-4) ; Quaternary ammonium compounds, bis(hydrogenated tallow alkyl)dimethyl, salts with bentonite (68953-58-2) - Toxic chemical release reporting under EPCRA section 313 (40 CFR Part 372): Not applicable (N/A).

Section 16 - OTHER INFORMATION

Summary of Changes
Revision Date: August 24, 2023

Revision Note: General Update

Key / Legend

ACGIH - American Conference of Governmental Industrial Hygienists; ADR - European Road Transport; AU - Australia; BOD - Biochemical Oxygen Demand; C - Celsius; CA - Canada; CAS - Chemical Abstracts Service; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; 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; EEC - European Economic Community; EINECS - European Inventory of Existing Commercial Chemical Substances; EPA - Environmental Protection Agency; EU - European Union; F - Fahrenheit; 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; JP - Japan; Kow - Octanol/water partition coefficient; KR - Korea; LEL - Lower Explosive Limit; LLV - Level Limit Value; LOLI - List Of Lists™ - ChemADVISOR's Regulatory Database; MAK - Maximum Concentration Value in the Workplace; MEL - Maximum Exposure Limits; NFPA - National Fire Protection Agency; NIOSH - National Institute for Occupational Safety and Health; NJTSR - New Jersey Trade Secret Registry; NTP - National Toxicology Program; NZ - New Zealand; OSHA - Occupational Safety and Health Administration; 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; STEL - Short-term Exposure Limit; TDG - Transportation of Dangerous Goods; TSCA - Toxic Substances Control Act; TWA - Time Weighted Average; UEL - Upper Explosive Limit; US - United States.

Other Information

Disclaimer:

The information contained herein is based upon data and information available to us, and reflects our best professional judgment. This product may be formulated in part with components purchased from other companies. No warranty of merchantability, fitness for any use, or any other warranty is expressed or implied regarding the accuracy of such data or information. The results to be obtained from the use thereof, or that any such use does not infringe any patent, since the information contained herein may be applied under conditions of use beyond our control and with which we may be unfamiliar, we do not assume responsibility for the results of such application. This information is furnished upon the condition that the person receiving it shall make his own determination of the suitability of the material for his particular use.