Section 1 – Identification of the Material and Supplier

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Chemical Nature:	Acrylic Copolymer Blend
Trade Name:	SiegelBond T40
Product Use:	Vinyl Flooring Adhesive
Creation Date:	May 2026
This version was issued:	May 2026 and is valid for 5 years from this date
Poisons Information Centre:	Call 13 11 26 from anywhere in Australia

Section 2 – Hazards Identification

2.1 Hazard/Risk classification: Skin corrosion/skin irritation - Category 2
Serious eye damage/eye irritation - Category 2

2.2 Warning label section including precautionary statements
Label elements

Signal Word: Warning

H-Code	Hazard Statements
H315	Causes skin irritation.
H319	Causes serious eye irritation.

P-Code	Precautionary Statements
P264	Wash hands thoroughly after handling.
P280	Wear protective gloves/protective clothing/eye protection.
P501	Dispose of contents/container to waste disposal.

React	
P302, P352	If on skin: Wash with plenty of soap and water.
P321	Give first aid.
P332, P313	If skin irritation occurs: Get medical advice/attention.
P362	Wash contaminated clothing.
P305, P351, P338	If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses if possible. Continue washing.
P337, P313	If eye irritation persists, get medical advice/attention.

Save	
P403, P233	Store containers tightly closed in a well-ventilated place.
P405	Store in a locked storage location.
P337, P313	If eye irritation persists, get medical advice/attention.

Dispose	
P501	Dispose of the contents of the container (according to the contents specified in relevant laws and regulations).

2.3 Other hazards and hazards not included in the hazard and hazard classification standards (NFPA)
LIMESTONE Health: 1 Fire: 0 Reactivity: 0
WATER Health: 0 Fire: 0 Reactivity: 0
ACRYLIC COPOLYMER Health: 0 Fire: 0 Reactivity: 0
GUM ROSIN Health: 2 Fire: 1 Reactivity: 0.

Section 3 – Composition & Information on Ingredients

Substance Name	Tinnitus (Common Name)	CAS Number	Content (%)
Limestone	Calcium	1317-65-3	30 – 40
Water	Dihydrogen Oxide	7732-18-5	10 – 20
Acrylic Copolymer	-	-	45 – 55
Rosin Ester	-	8050-09-07	5 - 10

Section 4 – First Aid Measures

4.1 In case of eye contact:
If contact with eyes occurs, rinse cautiously with water for several minutes. If possible, remove contact lenses.
If eye irritation persists, get medical advice/attention.

4.2 When in contact with skin:
- If skin irritation occurs: Get medical advice/attention.
- Take off contaminated clothing and wash before reuse.
- For hot substances, soak or flush affected area with large amounts of cold water to dissipate heat.
- Remove contaminated clothing and shoes and isolate contaminated area.
- In case of contact with the substance, immediately flush skin and eyes with running water for at least 20 minutes.
- In case of minor skin contact, prevent spread to contaminated areas.

4.3 When inhaled:
- If you feel unwell, seek medical attention or advice.
- If exposed to excessive dust or fumes, remove with clean air and seek medical attention if coughing or other symptoms occur.
- If not breathing, give artificial respiration.
- If breathing is difficult, give oxygen.

4.4 When eaten:
If you feel unwell, seek medical attention or advice.

4.5 Other doctor's precautions:
Make sure medical personnel are aware of the substance and take protective measures.

Section 5 – Fire Fighting Measures

5.1 Appropriate (and inappropriate) extinguishing media:
For extinguishing involving this material, use alcohol foam, carbon dioxide or water spray. For suffocation extinguishing, use dry sand or earth.

5.2 Specific hazards arising from the chemical:
During burning, thermal decomposition or combustion may produce irritating and highly toxic gases. Some may burn, but do not ignite easily. Non-flammable, the material itself does not burn, but may decompose when heated, generating corrosive/toxic fumes.

5.3 Protective equipment and precautions to wear when extinguishing fire:

- Rescuers must wear appropriate protective equipment.
- Leave the area and maintain safety while extinguishing the fire.
- Be careful as it may melt and be transported.
- Dig a trench to dispose of fire water, contain it, and prevent material from scattering.
- Move containers from fire area if you can do it without risk.
- In the event of a tank fire, extinguish it from the maximum distance or use unmanned
- fire extinguishing equipment.

Section 6 – Accidental Release Measures

6.1 Measures necessary to protect the human body:

- Avoid inhalation of (dust, fume, gas, mist, vapor, spray).
- Wipe up spills immediately and follow precautions in the protective equipment section.
- Eliminate all ignition sources. Stop leak if you can do it without risk.
- Cover with plastic sheeting to prevent spread.
- Be aware of substances and conditions to avoid.

6.2 Measures needed to protect the environment:
Prevent entry into waterways, drains, basements and confined spaces.

6.3 Methods for clean-up or removal:

- Absorb spill with inert material (e.g. dry sand or earth),
- Place in chemical waste container. Absorb liquid and flush contaminated area with detergent
- and water.

Section 7 – Handling and Storage

7.1 Precautions for safe handling:

- Avoid inhalation of (dust, fume, gas, mist, vapor, spray).
- Wash handled area thoroughly after handling.
- Handle only outdoors or in a well-ventilated area.
- Product residue may remain even after container is emptied, so all MSDS/labels
- Follow precautions.
- Use with caution when handling/storing.
- Open the cap carefully before opening.
- Avoid prolonged or continuous skin contact.
- Be aware of substances and conditions to avoid.
- Work with reference to engineering controls and personal protective equipment.

7.2 Safe storage method:

- Store container tightly closed in a well-ventilated place.
- Empty drums can be completely drained and properly plugged and returned to the drum regulator immediately.
- Arrange appropriately.

Section 8 – Exposure Controls and Personal Protection

8.1 Chemical exposure standards, biological exposure standards, etc.

Domestic regulations
LIMESTONE TWA -10mg/m³
ACGIH regulations no data
Biological exposure limits no data

8.2 Appropriate engineering controls:

- Process isolation, use of local exhaust, or keeping air levels below exposure limits.
- Take other engineering controls to control. If dust, fume or mist is
- generated during driving, air pollution is the exposure standard.
- Ventilate to keep the temperature below.
- Facilities storing or using this material should be equipped with eyewash facilities and safety showers.

8.3 Personal protective equipment

Respiratory protection	Wear a dust mask appropriate for the physical and chemical properties of the exposed material.
Eye protection	If necessary, use safety glasses for high temperature or high-pressure splash protection. Install emergency washing (shower type) and eye washing facilities in a location that is easily accessible to workers.
Hand protection	Wear protective gloves made of appropriate material considering the physical and chemical properties of the chemical.
Body protection	Wear protective clothing made of appropriate material considering the physical and chemical properties of the chemical.

Section 9 – Physical and Chemical Properties

Appearance:	Emulsion
Colour:	Milky White
Odour:	Odourless
Odour Threshold:	No data available
pH :	6.0~8.0
Melting point/freezing point:	0 ℃
Initial boiling point and boiling range:	100 ℃
Flash point:	No data available
Evaporation rate:	No data
Flammability (solid, gas):	No data
Upper/lower limits of ignition or explosion range:	No data available
Vapor pressure:	No data
Solubility:	No data available
Vapor density:	No data available
Specific gravity:	1.2 ~ 1.3 (20℃, water=1)
n-octanol/water partition coefficient:	No data
Spontaneous ignition temperature:	No data
Decomposition temperature:	No data
Viscosity:	160,000~200,000 cps (25℃)
Molecular weight:	No data

Section 10 – Stability and Reactivity

10.1 Chemical safety and potential for hazardous reactions:
Stable at room temperature and pressure.
Some may burn, but do not ignite easily.
In case of fire, irritating and toxic gas may be generated.
Inhalation of material may be harmful.
Some liquids may produce vapours that may cause dizziness or suffocation.

10.2 Conditions to avoid heat, pollution

10.3 Materials to avoid:
Combustible materials, reducing materials, water-reactive materials

10.4 Harmful substances produced during decomposition:
Irritating and very toxic due to thermal decomposition or combustion during burning.
Gas may be generated, corrosive/toxic fumes.

Section 11 – Toxicological Information

11.1 Information on likely route of exposure:
No data available.

11.2 Health hazard information:
Acute toxicity oral
LIMESTONE: LD50 5000 mg/kg Rat
ROSIN ester: LD50 3 mg/kg Rat transdermal
ROSIN ester: LD50 2500 mg/kg Rat inhale
ROSIN ester: LD50 2.3 mg/L 4hr Rat (exchange)
Skin corrosion or irritation
ROSIN ester: Result of skin irritation test using white rats: Mild irritation
Serious eye damage or irritation
LIMESTONE: Rabbit - Extremely irritating to Draize test, mildly irritating to humans.
ROSIN ester: Eye irritation test results using white rats: Mild irritation.
Respiratory sensitization
ROSIN ester: Known to be a skin and respiratory sensitizer.
Skin Sensitivity
ROSIN ester: Reported as a contact skin sensitizer.
Carcinogenicity: No data available
Germ cell mutagenicity: No data available.
Reproductive toxicity: No data available
Specific target organ toxicity (single exposure)
LIMESTONE: Causes irritation if inhaled
Specific target organ toxicity (repeated exposure)
LIMESTONE: Exposure may affect the respiratory system.
Aspiration hazard: no data

Section 12 – Ecological Information

12.1 Ecotoxicity
Fish: No data
shellfish
ROSIN ester: EC50 4.5 mg/L 48hr
Birds: No data available

12.2 Persistence and degradability
Persistence: No data
Degradability: No data available

12.3 Bioaccumulative potential
Concentration: No data
Biodegradability: No data available
ROSIN ester: 36~48(%)

12.4 Soil mobility:
No data

12.5 Other adverse effects:
No data available

Section 13 – Disposal Considerations

13.1 Disposal method:
If specified in the Waste Management Act, dispose of contents and container in accordance with regulations.

13.2 Disposal precautions: Dispose of the contents of the container (according to the contents specified in relevant laws and regulations).

Section 14 – Transport Information

14.1 UN No:
Not applicable

14.2 Proper shipping name:
Adhesive

14.3 Risk level in transportation:
Not applicable

14.4 Container grade:
Not applicable

14.5 Marine pollutants:
No data

14.6 Special safety measures that the user needs to know about or require regarding transportation or means of transportation.
Emergency measures in case of fire: Not applicable
Emergency measures in case of leak: Not applicable

Section 15 – Regulatory Information

15.1 Regulations under the Occupational Safety and Health Act:
No data

15.2 Regulations under the Chemical Substances Control Act:
No data

15.3 Regulations under the Dangerous Materials Safety Management Act:
No data

15.4 Regulations under the Waste Management Act:
No data

15.5 Other regulations under domestic and foreign laws
Domestic regulations
- Persistent Organic Pollutants Management Act: Not applicable

Foreign regulations
- US management information (OSHA regulations): Not applicable
- US management information (CERCLA regulations): Not applicable
- US management information (EPCRA 302 regulations): Not applicable
- US management information (EPCRA 304 regulations): Not applicable

- US management information (EPCRA 313 regulations): Not applicable
- US management information (Rotterdam Convention substances): Not applicable
- US management information (Stockholm Convention substances): Not applicable
- US management information (Montreal Protocol): Not applicable
- EU logistics information (confirmed classification result): Not applicable
- EU Logistics Information (Risk Statements): Not applicable
- EU logistics information (safety phrases): Not applicable

Section 16 – Other Information

16.1 Source of data

SODIUM ACRYLATE COPOLYMER
LIMESTONE
International Uniform Chemical Information Database (IUCLID)(http://ecb.jrc.it/esis)
International Uniform Chemical Information Database (IUCLID)(http://ecb.jrc.it/esis) (Skin corrosion or irritation)
International Uniform Chemical Information Database (IUCLID) (Serious eye damage or irritation)
National Library of Medicine/ Chemical Carcinogenesis Research Information System (NLM/CCRIS) (http://toxnet.nlm.nih.gov/cgi-bin/sis/htmlgen?CCRIS)
ECOTOX(Pisces)
Ecological Structure Activity Relationships (ECOSAR)(Birds)
Quantitative Structure Activity Relation (QSAR)(Concentrate)
Quantitative Structure Activity Relation (QSAR)(soil mobility)
The Chemical Database, The Department of Chemistry at the University of
WATER
NLM
ROSIN ester
IUCLID Chemical Data Sheet, EC-ECB
ECOTOX Database, EPA (http://cfpub.epa.gov/ecotox)
International Chemical Safety Cards (ICSC)(http://www.nihs.go.jp/ICSC)
Corporate Solution from Thomson Micromedex(http://csi.micromedex.com)
Hazardous Materials Information Management System, National Emergency Management Agency(http://hazmat.nema.go.kr)
TOXNET, U.S. National Library of Medicine(http://toxnet.nlm.nih.gov)
IUCLID Chemical Data Sheet, EC-ECB
The Chemical Database, The Department of Chemistry at the University of Akron(http://ull.chemistry.uakron.edu/erd)
ECB-ESIS (European chemical Substances Information System) (http://ecb.jrc.it/esis)
Chemical Information System, National Institute of Environmental Research (http://ncis.nier.go.kr)

THIS SDS SUMMARISES OUR BEST KNOWLEDGE OF THE HEALTH AND SAFETY HAZARD INFORMATION OF THE PRODUCT AND HOW TO SAFELY HANDLE AND USE THE PRODUCT IN THE WORKPLACE. EACH USER MUST REVIEW THIS SDS IN THE CONTEXT OF HOW THE PRODUCT WILL BE HANDLED AND USED IN THE WORKPLACE.
IF CLARIFICATION OR FURTHER INFORMATION IS NEEDED TO ENSURE THAT AN APPROPRIATE RISK ASSESSMENT CAN BE MADE, THE USER SHOULD CONTACT THIS COMPANY, SO WE CAN ATTEMPT TO OBTAIN ADDITIONAL INFORMATION FROM OUR SUPPLIERS
OUR RESPONSIBILITY FOR PRODUCTS SOLD IS SUBJECT TO OUR STANDARD TERMS AND CONDITIONS, A COPY OF WHICH IS SENT TO OUR CUSTOMERS AND IS ALSO AVAILABLE ON REQUEST.

Please read all labels carefully before using product.
This SDS is prepared in accord with the SWA document “Preparation of Safety Data Sheets for Hazardous Chemicals - Code of Practice” (December 2011)

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