



Safety Data Sheet

Date Prepared: 9/3/2025
Version: 1

This safety data sheet was created pursuant to the requirements of:
US OSHA Hazard Communication Standard (29 CFR 1910.1200) and Canada WHMIS 2015 which includes the amended
Hazardous Products Act (HPA) and the Hazardous Products Regulation (HPR)

Revision date 03-September-2025

Revision Number 1

1. Identification

Product identifier

Product Name Del-Val 242 Hybrid Liquid Sealant - All Colors

Other means of identification

Product Code(s) Del-Val 242

Synonyms None

Recommended use of the chemical and restrictions on use

Recommended use Adhesive Sealant Coating

Restrictions on use No information available

Details of the supplier of the safety data sheet

Manufacturer Address

United Asphalt Company
237 North Grove Street
Berlin, NJ 08009
800-252-4144

Emergency telephone number

Emergency Telephone Chemtrec 1-800-424-9300

2. Hazard(s) identification

Classification

| | |
|-----------------------|-------------|
| Skin sensitization | Category 1 |
| Reproductive toxicity | Category 1B |

Appearance No information available

Physical state Liquid

Odor No information available

Disclaimer ATTENTION! Some of the additives disclosed in Section 3 such as Carbon Black, Crystalline Silica, and or Titanium Dioxide are regulated by California Proposition 65 as carcinogens when they are in the form of "airborne, unbound particles of respirable size." Since the disclosed materials are bound in the polymer matrix, they will not be available as an airborne hazard (dust, mist, or spray) under normal conditions of use. Therefore, this product does not present a respiration hazard as outlined by the Prop 65 regulations

Label elements**Danger****Hazard statements**

May cause an allergic skin reaction

May damage fertility or the unborn child

**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 and face protection

Avoid breathing dust, fume, gas, mist, vapors and spray

Contaminated work clothing must not be allowed out of the workplace

Precautionary Statements - Response

IF exposed or concerned: Get medical advice/attention

Specific treatment (see .? on this label)

Skin

IF ON SKIN: Wash with plenty of water and soap

If skin irritation or rash occurs: Get medical advice and attention

Wash contaminated clothing before reuse

Precautionary Statements - Storage

Store locked up

Precautionary Statements - Disposal

Dispose of contents and container to an approved waste disposal plant

Other information

No information available.

3. Composition/information on ingredients**Substance**

Not applicable.

Mixture

| Chemical name | CAS No | Weight-% | Hazardous Material Information Review Act registry number (HMIRA registry #) | Date HMIRA filed and date exemption granted (if applicable) |
|---------------------------------|--------------|----------|--|---|
| Limestone | 1317-65-3 | 40 - 80 | - | - |
| Calcium Carbonate | 471-34-1 | 5 - <10 | - | - |
| Titanium Dioxide | 13463-67-7 | 1 - <5 | - | - |
| Proprietary Dehydration Agent | Trade secret | 0.1 - 1 | - | - |
| Proprietary Adhesion Promoter | Trade secret | 0.1 - 1 | - | - |
| Dibutyltin bis(acetylacetonate) | 22673-19-4 | 0.1 - 1 | - | - |
| Crystalline Silica | 14808-60-7 | 0.1 - 1 | - | - |

4. First-aid measures

Description of first aid measures

| | |
|----------------|--|
| General advice | Show this safety data sheet to the doctor in attendance. |
| Inhalation | Remove to fresh air. |
| Eye contact | Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician. |
| Skin contact | Wash with soap and water. May cause an allergic skin reaction. In the case of skin irritation or allergic reactions see a physician. |
| Ingestion | Rinse mouth. |

Most important symptoms and effects, both acute and delayed

| | |
|----------|-------------------------|
| Symptoms | Itching. Rashes. Hives. |
|----------|-------------------------|

Indication of any immediate medical attention and special treatment needed

| | |
|--------------------|--|
| Note to physicians | May cause sensitization in susceptible persons. Treat symptomatically. |
|--------------------|--|

5. Fire-fighting measures

| | |
|--|--|
| Suitable Extinguishing Media | Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. |
| Large Fire | CAUTION: Use of water spray when fighting fire may be inefficient. |
| Unsuitable extinguishing media | Do not scatter spilled material with high pressure water streams. |
| Specific hazards arising from the chemical | Product is or contains a sensitizer. May cause sensitization by skin contact. Containers may explode when heated. |
| Explosion data | |
| Sensitivity to mechanical impact | None. |
| Sensitivity to static discharge | None. |
| Special protective equipment and precautions for fire-fighters | Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment. |

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

| | |
|----------------------|--|
| Personal precautions | Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Use personal protective equipment as required. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak. |
|----------------------|--|

Methods and material for containment and cleaning up

| | |
|-------------------------|---|
| Methods for containment | Prevent further leakage or spillage if safe to do so. |
|-------------------------|---|

Methods for cleaning up

Pick up and transfer to properly labeled containers.

7. Handling and storage**Precautions for safe handling****Advice on safe handling**

Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash before reuse.

Conditions for safe storage, including any incompatibilities**Storage Conditions**

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

8. Exposure controls/personal protection**Control parameters****Exposure Limits**

| Chemical name | ACGIH TLV | OSHA PEL | NIOSH | |
|---|--|--|---|---------------|
| Limestone 1317-65-3 | - | TWA: 15 mg/m³ total dust TWA: 5 mg/m³ respirable fraction (vacated) TWA: 15 mg/m³ total dust (vacated) TWA: 5 mg/m³ respirable fraction | TWA: 10 mg/m³ total dust TWA: 5 mg/m³ respirable dust | |
| Calcium Carbonate 471-34-1 | - | TWA: 15 mg/m³ total dust TWA: 5 mg/m³ respirable fraction (vacated) TWA: 15 mg/m³ total dust (vacated) TWA: 5 mg/m³ respirable fraction | TWA: 10 mg/m³ total dust TWA: 5 mg/m³ respirable dust | |
| Titanium Dioxide 13463-67-7 | TWA: 0.2 mg/m³ nanoscale respirable particulate matter TWA: 2.5 mg/m³ finescale respirable particulate matter | TWA: 15 mg/m³ total dust (vacated) TWA: 10 mg/m³ total dust | IDLH: 5000 mg/m³ TWA: 2.4 mg/m³ CIB 63 fine TWA: 0.3 mg/m³ CIB 63 ultrafine, including engineered nanoscale | |
| Dibutyltin bis(acetylacetonate) 22673-19-4 | STEL: 0.2 mg/m³ Sn TWA: 0.1 mg/m³ Sn S* | TWA: 0.1 mg/m³ Sn (vacated) TWA: 0.1 mg/m³ Sn (vacated) S* | IDLH: 25 mg/m³ Sn TWA: 0.1 mg/m³ except Cyhexatin Sn | |
| Crystalline Silica 14808-60-7 | TWA: 0.025 mg/m³ respirable particulate matter | TWA: 50 µg/m³ (vacated) TWA: 0.1 mg/m³ respirable dust : (250)/(%SiO2 + 5) mppcf TWA respirable fraction : (10)/(%SiO2 + 2) mg/m³ TWA respirable fraction | IDLH: 50 mg/m³ respirable dust TWA: 0.05 mg/m³ respirable dust | |
| Chemical name | Alberta | British Columbia | Ontario | Quebec |
| Limestone 1317-65-3 | TWA: 10 mg/m³ | TWA: 10 mg/m³ TWA: 3 mg/m³ STEL: 20 mg/m³ | - | TWA: 10 mg/m³ |
| Calcium Carbonate 471-34-1 | TWA: 10 mg/m³ | TWA: 10 mg/m³ TWA: 3 mg/m³ | - | TWA: 10 mg/m³ |

| | | | | |
|--|---|---|---|---|
| | | STEL: 20 mg/m ³ | | |
| Titanium Dioxide 13463-67-7 | TWA: 10 mg/m ³ | TWA: 10 mg/m ³ TWA: 3 mg/m ³ | TWA: 10 mg/m ³ | TWA: 10 mg/m ³ |
| Proprietary Dehydration Agent | - | - | STEL: 10 ppm STEL: 60 mg/m ³ | - |
| Dibutyltin bis(acetylacetonate) 22673-19-4 | TWA: 0.1 mg/m ³ STEL: 0.2 mg/m ³ Skin | TWA: 0.1 mg/m ³ STEL: 0.2 mg/m ³ Skin | TWA: 0.1 mg/m ³ STEL: 0.2 mg/m ³ Skin | TWA: 0.1 mg/m ³ STEL: 0.2 mg/m ³ Skin |
| Crystalline Silica 14808-60-7 | TWA: 0.025 mg/m ³ | TWA: 0.025 mg/m ³ | TWA: 0.10 mg/m ³ | TWA: 0.1 mg/m ³ |

Appropriate engineering controls

Engineering controls Showers
 Eyewash stations
 Ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/face protection Wear safety glasses with side shields (or goggles).

Hand protection Wear suitable gloves.

Skin and body protection Wear suitable 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.

General hygiene considerations Handle in accordance with good industrial hygiene and safety practice.

9. Physical and chemical properties**Information on basic physical and chemical properties**

Physical state Liquid
Appearance Paste
Color Not applicable
Odor Not applicable
Odor threshold Not applicable

| <u>Property</u> | <u>Values</u> | <u>Remarks • Method</u> |
|---|----------------|-------------------------|
| pH | Not applicable | None known |
| Melting point / freezing point | Not applicable | None known |
| Initial boiling point and boiling range | Not applicable | None known |
| Flash point | Not applicable | None known |
| Evaporation rate | Not applicable | None known |
| Flammability | Not applicable | None known |
| Flammability Limit in Air | | None known |
| Upper flammability or explosive limits | Not applicable | |
| Lower flammability or explosive limits | Not applicable | |
| Vapor pressure | Not applicable | None known |
| Relative vapor density (Air=1) >1 | | None known |
| Relative density | Not applicable | None known |

| | | |
|---------------------------|--------------------------|------------|
| Water solubility | Not applicable | None known |
| Solubility(ies) | Not applicable | None known |
| Partition coefficient | Not applicable | None known |
| Autoignition temperature | Not applicable | None known |
| Decomposition temperature | Not applicable | None known |
| Kinematic viscosity | Contact the manufacturer | None known |
| Dynamic viscosity | Contact the manufacturer | None known |

Other information

| | |
|----------------------|--------------------------|
| Explosive properties | No information available |
| Oxidizing properties | No information available |
| Softening point | No information available |
| Molecular weight | No information available |
| VOC content | No information available |
| Liquid Density | No information available |
| Bulk density | No information available |

10. Stability and reactivity

| | |
|------------------------------------|---|
| Reactivity | No information available. |
| Chemical stability | Stable under normal conditions. |
| Possibility of hazardous reactions | None under normal processing. |
| Conditions to avoid | None known based on information supplied. |
| Incompatible materials | None known based on information supplied. |
| Hazardous decomposition products | None known based on information supplied. |

11. Toxicological information**Information on likely routes of exposure****Product Information**

| | |
|--------------|--|
| Inhalation | Specific test data for the substance or mixture is not available. |
| Eye contact | Specific test data for the substance or mixture is not available. |
| Skin contact | May be harmful in contact with skin. May cause sensitization by skin contact. Specific test data for the substance or mixture is not available. Repeated or prolonged skin contact may cause allergic reactions with susceptible persons. (based on components). |
| Ingestion | Specific test data for the substance or mixture is not available. |

Symptoms related to the physical, chemical and toxicological characteristics

| | |
|----------|-------------------------|
| Symptoms | Itching. Rashes. Hives. |
|----------|-------------------------|

Acute toxicity**Numerical measures of toxicity**

The following values are calculated based on chapter 3.1 of the GHS document

| | | |
|-------------------------------|-----------|-------|
| ATEmix (oral) | 20,627.10 | mg/kg |
| ATEmix (dermal) | 11,187.60 | mg/kg |
| ATEmix (inhalation-gas) | 99,999.00 | ppm |
| ATEmix (inhalation-dust/mist) | 99,999.00 | mg/l |

ATEmix (inhalation-vapor) 99,999.00 mg/l

Component Information

| Chemical name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|---|-----------------------|-------------------------|------------------------------|
| Calcium Carbonate 471-34-1 | = 6450 mg/kg (Rat) | > 2000 mg/kg (Rat) | > 3 mg/L (Rat) 4 h |
| Titanium Dioxide 13463-67-7 | > 10000 mg/kg (Rat) | - | = 5.09 mg/L (Rat) 4 h |
| Proprietary Dehydration Agent | = 7340 µL/kg (Rat) | = 3.54 mL/kg (Rabbit) | = 16.8 mg/L (Rat) 4 h |
| Proprietary Adhesion Promoter | = 2413 mg/kg (Rat) | > 2009 mg/kg (Rabbit) | 1.49 - 2.44 mg/L (Rat) 4 h |
| Dibutyltin bis(acetylacetonate) 22673-19-4 | - | > 2000 mg/kg (Rat) | - |

Delayed and immediate effects as well as chronic effects from short and long-term exposure**Skin corrosion/irritation** No information available.**Serious eye damage/eye irritation** No information available.**Respiratory or skin sensitization** May cause an allergic skin reaction.**Germ cell mutagenicity** No information available.**Carcinogenicity** No information available.

The table below indicates whether each agency has listed any ingredient as a carcinogen.

| Chemical name | ACGIH | IARC | NTP | OSHA |
|----------------------------------|-------|----------|-------|------|
| Titanium Dioxide 13463-67-7 | A3 | Group 2B | - | X |
| Crystalline Silica 14808-60-7 | A2 | Group 1 | Known | X |

Legend**ACGIH (American Conference of Governmental Industrial Hygienists)**

A3 - Animal 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

Reproductive toxicity May damage fertility or the unborn child.**STOT - single exposure** No information available.**STOT - repeated exposure** No information available.**Aspiration hazard** No information available.**12. Ecological information****Ecotoxicity**

| Chemical name | Algae/aquatic plants | Fish | Toxicity to microorganisms | Crustacea |
|---|----------------------|---|----------------------------|-----------|
| Proprietary Dehydration Agent | - | LC50: =191mg/L (96h, <i>Oncorhynchus mykiss</i>) | - | - |
| Dibutyltin bis(acetylacetonate) 22673-19-4 | - | LC50: >2mg/L (96h, <i>Oryzias latipes</i>) | - | - |

Persistence and degradability No information available.

Bioaccumulation

Mobility in soil No information available.

Other adverse effects No information available.

13. Disposal considerations

Disposal methods

Waste from residues/unused products Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

Contaminated packaging Do not reuse empty containers.

California waste information This product contains one or more substances that are listed with the State of California as a hazardous waste.

14. Transport information

DOT Not regulated

15. Regulatory information

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

International Regulations

The Montreal Protocol on Substances that Deplete the Ozone Layer Not applicable

The Stockholm Convention on Persistent Organic Pollutants Not applicable

The Rotterdam Convention Not applicable

International Inventories

TSCA All ingredients are listed or exempt.

DSL/NDL All ingredients are listed or exempt.
EINECS/ELINCS Contact supplier for inventory compliance status.
ENCS Contact supplier for inventory compliance status.
IECSC Contact supplier for inventory compliance status.
KECL Contact supplier for inventory compliance status.
PICCS Contact supplier for inventory compliance status.
AIIC Contact supplier for inventory compliance status.
NZIoC Contact supplier for inventory compliance status.

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDL - 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

AIIC - Australian Inventory of Industrial Chemicals

NZIoC - New Zealand Inventory of Chemicals

US Federal Regulations**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories

Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications.

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

US State Regulations**California Proposition 65**

This product contains the following Proposition 65 chemicals:.

| Chemical name | California Proposition 65 |
|---------------------------------|---------------------------|
| Titanium Dioxide - 13463-67-7 | Carcinogen |
| Crystalline Silica - 14808-60-7 | Carcinogen |

See disclaimer in section 2.

U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

16. Other information

| | | | | |
|-------------|---------------------------|-----------------------|---------------------------|------------------------------|
| NFPA | Health hazards 2 | Flammability 0 | Instability 0 | Special hazards - |
| HMIS | Health hazards 2 * | Flammability 0 | Physical hazards 0 | Personal protection X |

Key or legend to abbreviations and acronyms used in the safety data sheet

Legend Section 8: Exposure controls/personal protection

| | | | |
|---------|-----------------------------|------|----------------------------------|
| TWA | TWA (time-weighted average) | STEL | STEL (Short Term Exposure Limit) |
| Ceiling | Maximum limit value | * | Skin designation |

Key literature references and sources for data used to compile the SDS

Agency for Toxic Substances and Disease Registry (ATSDR)
 U.S. Environmental Protection Agency ChemView Database
 European Food Safety Authority (EFSA)
 EPA (Environmental Protection Agency)
 Acute Exposure Guideline Level(s) (AEGl(s))
 U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act
 U.S. Environmental Protection Agency High Production Volume Chemicals
 Food Research Journal
 Hazardous Substance Database
 International Uniform Chemical Information Database (IUCLID)
 National Institute of Technology and Evaluation (NITE)
 Australia National Industrial Chemicals Notification and Assessment Scheme (NICNAS)
 NIOSH (National Institute for Occupational Safety and Health)
 National Library of Medicine's ChemID Plus (NLM CIP)
 National Library of Medicine's PubMed database (NLM PUBMED)
 National Toxicology Program (NTP)
 New Zealand's Chemical Classification and Information Database (CCID)
 Organization for Economic Co-operation and Development Environment, Health, and Safety Publications
 Organization for Economic Co-operation and Development High Production Volume Chemicals Program
 Organization for Economic Co-operation and Development Screening Information Data Set
 World Health Organization

Revision date 3-Sep-2025

Revision Note No information available.

Disclaimer

The information provided in this Safety Data Sheet 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 guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered 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 materials or in any process, unless specified in the text.

End of Safety Data Sheet