1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

GHS product identifier

Product Name  Dry Bond, Solvent 7525

Other means of identification

UN-Number  UN1993
Synonyms  None

Recommended use of the chemical and restrictions on use

Recommended Use  Dental drying agent
Uses advised against  No information available

Supplier's details

Supplier Address  DenMat
1017 W. Central Ave.
Lompoc, CA 93436
TEL: 805-346-3700

Emergency telephone number

Emergency Telephone Number  805-346-3700

2. HAZARDS IDENTIFICATION

Classification

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

<table>
<thead>
<tr>
<th>Hazard Statement</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Serious Eye Damage/Eye Irritation</td>
<td>Category 2</td>
</tr>
<tr>
<td>Specific Target Organ Systemic Toxicity (Single Exposure)</td>
<td>Category 3</td>
</tr>
<tr>
<td>Flammable liquids</td>
<td>Category 2</td>
</tr>
</tbody>
</table>

GHS Label elements, including precautionary statements

Emergency Overview

Signal Word  Danger
Hazard Statements
- Causes serious eye irritation
- May cause drowsiness or dizziness
- Highly flammable liquid and vapor.
Precautionary Statements

**Prevention**
- Wash face, hands and any exposed skin thoroughly after handling.
- Avoid breathing dust/fume/gas/mist/vapors/spray.
- Use only outdoors or in a well-ventilated area.
- Keep away from heat/sparks/open flames/hot surfaces - No smoking.
- Keep container tightly closed.
- Ground/bond container and receiving equipment.
- Use explosion-proof electrical/ventilating/lighting/equipment.
- Use only non-sparking tools.
- Take precautionary measures against static discharge.
- Wear protective gloves/protective clothing/eye protection/face protection.
- Keep cool

**General Advice**
None

**Eyes**
- 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**
- IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

**Inhalation**
- If INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- Call a POISON CENTER or doctor/physician if you feel unwell

**Fire**
- In case of fire: Use CO2, dry chemical, or foam for extinction

**Storage**
- Store in a well-ventilated place. Keep container tightly closed.
- Store locked up.

**Disposal**
- Dispose of contents/container to an approved waste disposal plant.

**Hazard Not Otherwise Classified (HNOC)**
Not applicable

**Other information**
Aspiration hazard if swallowed - can enter lungs and cause damage Harmful to aquatic life

<5% of the mixture consists of ingredient(s) of unknown toxicity.
3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No</th>
<th>Weight %</th>
<th>Trade secret</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acetone</td>
<td>67-64-1</td>
<td>90-95</td>
<td>*</td>
</tr>
<tr>
<td>Ethyl alcohol</td>
<td>64-17-5</td>
<td>5-10</td>
<td>*</td>
</tr>
<tr>
<td>n-butanol</td>
<td>71-36-3</td>
<td>1-5</td>
<td></td>
</tr>
<tr>
<td>Gamma-Methacryloxypropyltrimethoxysilane</td>
<td>2530-85-0</td>
<td>1-5</td>
<td>*</td>
</tr>
</tbody>
</table>

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

4. FIRST AID MEASURES

**Description of necessary first-aid measures**

**Eye Contact**
Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Consult a physician.

**Skin Contact**
Wash off with warm water and soap. Consult a physician if necessary.

**Inhalation**
IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. If not breathing, give artificial respiration. Seek immediate medical attention/advice.

**Ingestion**
Do NOT induce vomiting. Aspiration hazard if swallowed - can enter lungs and cause damage. Call a physician or Poison Control Center immediately.

**Most important symptoms/effects, acute and delayed**

**Most Important Symptoms/Effects**
Dizziness. Drowsiness.

**Indication of immediate medical attention and special treatment needed, if necessary**

**Notes to Physician**
Condition of the patient should be carefully monitored. Aspiration of this product during induced emesis can result in lung injury. If evacuation of stomach contents is considered necessary, use method least likely to cause aspiration, such as gastric lavage after endotracheal intubation. Contact a Poison Control Center for additional treatment information.

5. FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media**
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Media**
CAUTION: Use of water spray when fighting fire may be inefficient.

**Specific Hazards Arising from the Chemical**
Extremely flammable.

**Explosion Data**
- Sensitivity to Mechanical Impact: None.
- Sensitivity to Static Discharge: Yes.

**Protective Equipment and Precautions for Firefighters**
Wear positive-pressure self-contained breathing apparatus (SCBA) and protective fire fighting clothing (includes fire fighting helmet, coat, trousers, boots, and gloves). If protective equipment is not available or not used, fight from a protected location or safe distance.

6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures**

**Personal Precautions**
Ensure adequate ventilation. Avoid breathing vapors or mists. Remove all sources of ignition. Take precautionary measures against static discharges. Do not get in eyes, on skin, or on clothing. Wash thoroughly after handling.

**Environmental Precautions**
Environmental Precautions

Avoid release to the environment. Dispose of contents/container to an approved waste disposal plant. See Section 12 for additional Ecological Information.

Methods and materials 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

Handling Ensure adequate ventilation. Avoid breathing vapors. Keep away from open flames, hot surfaces and sources of ignition. Ground and bond all lines and equipment associated with product system. All equipment should be non-sparking and explosion proof. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapors). Wear personal protective equipment. Avoid contact with skin, eyes and clothing. Remove and wash contaminated clothing before re-use.

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 agents.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters

Exposure Guidelines

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>NIOSH IDLH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acetone 67-64-1</td>
<td>STEL: 750 ppm</td>
<td>TWA: 1000 ppm</td>
<td>IDLH: 2500 ppm 10% LEL</td>
</tr>
<tr>
<td></td>
<td>TWA: 500 ppm</td>
<td>TWA: 2400 mg/m³</td>
<td>TWA: 250 ppm</td>
</tr>
<tr>
<td></td>
<td>(vacated) TWA: 750 ppm</td>
<td>(vacated) TWA: 1800 mg/m³</td>
<td>TWA: 590 mg/m³</td>
</tr>
<tr>
<td></td>
<td>(vacated) STEL: 2400 mg/m³</td>
<td>The acetone STEL does not apply to the cellulose acetate fiber industry. It is in effect for all other sectors (vacated) STEL: 1000 ppm</td>
<td></td>
</tr>
</tbody>
</table>

| Ethyl alcohol 64-17-5             | TWA: 1000 ppm     | TWA: 1000 ppm     | IDLH: 3300 ppm 10% LEL   |
|                                   |                   | TWA: 1900 mg/m³   | TWA: 1000 ppm             |
|                                   |                   | (vacated) TWA: 1000 ppm | TWA: 1900 mg/m³ |
|                                   |                   | (vacated) TWA: 1000 ppm | TWA: 1900 mg/m³ |
| n-butanol 71-36-3                  | TWA: 20 ppm       | 100 ppm           | 50 ppm Ceiling           |
|                                   |                   | 300 mg/m³         | 150 mg/m³ Ceiling        |

Gamma-Methacryloxypropyltrimethoxysilane 2530-85-0 N/D N/D N/D

Appropriate engineering controls

Engineering Measures Showers Eyewash stations Ventilation systems

Individual protection measures, such as personal protective equipment

Eye/ Face Protection Safety glasses with side-shields. Tightly fitting safety goggles.
Skin and Body Protection Long sleeved clothing. Impervious gloves.
Respiratory Protection If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be
Hygiene Measures

Handle in accordance with good industrial hygiene and safety practice. Remove and wash contaminated clothing before re-use. Wash thoroughly after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Remarks/ Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical State</td>
<td>Liquid</td>
<td></td>
</tr>
<tr>
<td>Odor</td>
<td>Aromatic solvent/acetone</td>
<td></td>
</tr>
<tr>
<td>Appearance</td>
<td>Clear to light yellow.</td>
<td></td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>pH</td>
<td>N/A</td>
<td>None known</td>
</tr>
<tr>
<td>Melting Point/Range</td>
<td>Not determined</td>
<td>None known</td>
</tr>
<tr>
<td>Boiling Point/Range</td>
<td>56.1 °C</td>
<td>None known</td>
</tr>
<tr>
<td>Flash Point</td>
<td>-18 °C</td>
<td>For acetone</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>14 (butyl acetate = 1)</td>
<td>None known</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Flammability Limits in Air</td>
<td></td>
<td></td>
</tr>
<tr>
<td>upper flammability limit</td>
<td>No data available</td>
<td></td>
</tr>
<tr>
<td>lower flammability limit</td>
<td>No data available</td>
<td></td>
</tr>
<tr>
<td>Flammable Properties</td>
<td></td>
<td>Not flammable</td>
</tr>
<tr>
<td>Explosive Properties</td>
<td></td>
<td>No data available</td>
</tr>
<tr>
<td>Oxidizing Properties</td>
<td></td>
<td>No data available</td>
</tr>
<tr>
<td>Reactivity</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Chemical stability</td>
<td></td>
<td>Stable under recommended storage conditions.</td>
</tr>
<tr>
<td>Possibility of hazardous reactions</td>
<td></td>
<td>None under normal processing.</td>
</tr>
<tr>
<td>Hazardous Polymerization</td>
<td></td>
<td>Hazardous polymerization does not occur.</td>
</tr>
<tr>
<td>Conditions to avoid</td>
<td></td>
<td>Ignitions sources - heat, sparks and open flames.</td>
</tr>
<tr>
<td>Incompatible materials</td>
<td></td>
<td>Strong acids. Strong oxidizing agents.</td>
</tr>
<tr>
<td>Hazardous decomposition products</td>
<td></td>
<td>None known based on information supplied.</td>
</tr>
</tbody>
</table>
11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

- **Inhalation**: May cause drowsiness and dizziness based on components. May cause irritation of respiratory tract.
- **Eye Contact**: Irritating to eyes. May cause skin irritation and/or dermatitis.
- **Skin Contact**: May cause skin irritation and/or dermatitis.
- **Ingestion**: Potential for aspiration if swallowed. Vomiting may aspirate into lungs and cause chemical pneumonia.

Symptoms related to the physical, chemical and toxicological characteristics

- **Symptoms**: May cause drowsiness and dizziness. Eye contact with liquid may cause irritation including stinging, burning, tearing, or reddening of the eyes.

Delayed and immediate effects and also chronic effects from short and long term exposure

- **Sensitization**: No information available.
- **Mutagenic Effects**: No information available.
- **Carcinogenicity**: Ethanol has been shown to be carcinogenic in long-term studies only when consumed and abused as an alcoholic beverage.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH</th>
<th>IARC</th>
<th>NTP</th>
<th>OSHA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethyl alcohol</td>
<td>A3</td>
<td>Group 1</td>
<td>Known</td>
<td>X</td>
</tr>
</tbody>
</table>

Reproductive Toxicity

- No information available.

STOT - single exposure

- No information available.

STOT - repeated exposure

- Eyes. Respiratory system.

Aspiration Hazard

- Based on product level data, this product does not meet the requirement to be classified as an aspiration hazard. However, this product contains an ingredient that may cause aspiration if swallowed.

Numerical measures of toxicity - Product

**Acute Toxicity**

<5% of the mixture consists of ingredient(s) of unknown toxicity.

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

<table>
<thead>
<tr>
<th>LD50 Oral</th>
<th>7200 mg/kg; Acute toxicity estimate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inhalation</td>
<td></td>
</tr>
<tr>
<td>dust/mist</td>
<td>1520.7 mg/L; Acute toxicity estimate</td>
</tr>
</tbody>
</table>

12. ECOLOGICAL INFORMATION

Ecotoxicity

The environmental impact of this product has not been fully investigated.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Toxicity to Algae</th>
<th>Toxicity to Fish</th>
<th>Toxicity to Microorganisms</th>
<th>Daphnia Magna (Water Flea)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acetone 67-64-1</td>
<td>LC50 96 h: 4.74 - 6.33 mL/L (Oncorhynchus mykiss)</td>
<td>EC50 = 14500 mg/L 15 min</td>
<td>EC50 48 h: 10294 - 17704 mg/L Static (Daphnia magna)</td>
<td>LC50 48 h: 9268 - 14221 mg/L (Daphnia magna)</td>
</tr>
<tr>
<td>Ethyl alcohol 64-17-5</td>
<td>LC50 96 h: 12.0 - 16.0 mL/L static (Oncorhynchus mykiss)</td>
<td>EC50 = 34634 mg/L 30 min</td>
<td>EC50 = 35470 mg/L 5 min</td>
<td>EC50 = 1897 - 2072 mg/L EC50 Daphnia magna 48 h</td>
</tr>
<tr>
<td>n-Butanol 71-36-3</td>
<td>500 mg/L EC50 Desmodesmus subspicatus 72h</td>
<td>N/A</td>
<td>1893 mg/L EC50 Daphnia magna 48 h</td>
<td>1983 mg/L EC50 Daphnia magna 48 h</td>
</tr>
</tbody>
</table>
Persistence and Degradability  No information available.
Bioaccumulation  No information available.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Log Pow</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acetone</td>
<td>-0.24</td>
</tr>
<tr>
<td>Ethyl alcohol</td>
<td>-0.32</td>
</tr>
</tbody>
</table>

Other Adverse Effects  No information available.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods  This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 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  Do not re-use empty containers.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>RCRA</th>
<th>RCRA - Basis for Listing</th>
<th>RCRA - D Series Wastes</th>
<th>RCRA - U Series Wastes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acetone - 67-64-1</td>
<td>None</td>
<td>Included in waste stream:</td>
<td>F039</td>
<td>U002</td>
</tr>
<tr>
<td>N Butyl alcohol 71-36-3</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td>U031 ignitable waste</td>
</tr>
</tbody>
</table>

14. TRANSPORT INFORMATION

DOT

UN-Number  UN1993
Proper shipping name  Flammable liquids, n.o.s.
Hazard Class  3
Packing Group  II
Description  UN1993, Flammable liquids, n.o.s. (Acetone, Ethyl Alcohol), 3, II
Emergency Response Guide Number  128

TDG

UN-Number  UN1993
Proper Shipping Name  Flammable liquid, n.o.s.
Hazard Class  3
Packing Group  II
Description  UN1993, Flammable liquid, n.o.s. (Acetone, Ethyl alcohol), 3, II

MEX

UN-Number  UN1993
Proper Shipping Name  Flammable liquid, n.o.s.
Hazard Class  3
Packing Group  II
Description  UN1993, Flammable liquid, n.o.s. (Acetone, Ethyl alcohol), 3, II

IATA

UN-Number  UN1993
Proper Shipping Name  Flammable liquid, n.o.s.
Hazard Class  3
Packing Group  II
ERG Code  3H
Description  UN1993, Flammable liquid, n.o.s. (Acetone, Ethyl alcohol), 3, II

IMDG/IMO

UN-Number  UN1993
Proper Shipping Name  Flammable liquid, n.o.s.
Hazard Class  3
Packing Group  II
15. REGULATORY INFORMATION

International Inventories
TSCA
All components of this product are either listed or are exempt on the TSCA inventory.

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

U.S. Federal Regulations
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
Acute Health Hazard Yes
Chronic Health Hazard Yes
Fire Hazard Yes
Sudden Release of Pressure Hazard No
Reactive Hazard No

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.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Hazardous Substances RQs</th>
<th>Extremely Hazardous Substances RQs</th>
<th>RQ</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acetone</td>
<td>5000 lb</td>
<td></td>
<td>RQ 5000 lb final RQ</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>RQ 2270 kg final RQ</td>
</tr>
</tbody>
</table>

U.S. State Regulations

California Proposition 65
Ethyl alcohol is only considered a Proposition 65 developmental hazard when it is ingested as an alcoholic beverage.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No</th>
<th>California Prop. 65</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethyl alcohol</td>
<td>64-17-5</td>
<td>Developmental</td>
</tr>
</tbody>
</table>

U.S. State Right-to-Know Regulations

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>New Jersey</th>
<th>Massachusetts</th>
<th>Pennsylvania</th>
<th>Illinois</th>
<th>Rhode Island</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acetone</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>Ethyl alcohol</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>N Butanol</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

U.S. EPA Label Information
EPA Pesticide Registration Number Not applicable

16. OTHER INFORMATION

NFPA
Health Hazard 1
Flammability 3
Instability 0
Physical and Chemical Hazards -

HMIS
Health Hazard 2*
Flammability 3
Physical Hazard 0
Personal Protection X
General Disclaimer
The information provided on this SDS 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 guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as 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 material or in any process, unless specified in the text.

End of Safety Data Sheet