

## **SAFETY DATA SHEETS**

**This SDS packet was issued with item:**

072362028

**The safety data sheets (SDS) in this packet apply to one or more components included in the items listed below. Items listed below may require one or more SDS. Please refer to invoice for specific item number(s).**

072361806 072361814 072361822 072361830 072361848 072361855 072361905 072361913 072361921 072361939  
072361970 072361988 072361996 072362002 072362010 072362036 072362044 072363851 072363893 072363901  
072363976



**MATERIAL SAFETY DATA SHEET**

**SECTION 1 - PRODUCT IDENTIFICATION**

Company Name: Danville Materials, Inc.  
3420 Fostoria Way, Ste A-200  
San Ramon, CA 94583  
Phone: (800) 827-7940  
Fax: (925) 973-0764  
Prepared: November 16, 2012

**SECTION II : HAZARD(S) IDENTIFICATION**

OSHA Permissible Exposure Limits: None  
Other Exposure Limit Used: None  
ACGIH Threshold Exposure Limit: None  
Chronic, Other: None

**SECTION III : COMPOSITION/INFORMATION ON INGREDIENTS**

Hazardous Component  
Mixture of Polydimethylsiloxane, Silica and Paraffin  
Chemical Family: Silicon  
No known hazardous components

**SECTION IV : FIRST-AID MEASURES**

Eye Contact: Flush eyes with large amounts of water, consult a physician  
First Aid Procedures: For Skin - Wash off infected area with soap and water.  
For Ingestion -Seek medical advice, carry container with label and MSDS.  
Effects of over Exposure: N/A

**SECTION V: FIRE-FIGHTING MEASURES**

Flash Point: 485°F (252 °C) closed cup – DIN 51755  
Extinguishing Media: Carbon dioxide, Water  
Special Fire Fighting Procedures: None  
Flammable limits: ND  
Unusual Fire and Explosion Hazards: Irritating and/or toxic gases and aerosols may be present from the decomposition/combustion of product.

**SECTION VI : ACCIDENTAL RELEASE MEASURES**

None

**SECTION VII : HANDLING AND STORAGE**

Spill Management: Use absorbent to collect the material. Wash contaminated surfaces with Soap and water

**SECTION VIII : EXPOSURE CONTROLS/PERSONAL PROTECTION**

Respiratory: None  
Eye Protection: Safety goggles  
Gloves: Surgical, rubber/PVC gloves  
Other Clothing and Equipment: Face Mask  
Ventilation: None required, local exhaust recommended

**SECTION IX: PHYSICAL AND CHEMICAL PROPERTIES**

Vapor Pressure: NA  
Vapor Density: NA  
Evaporation Rate: NA  
Solubility in Water: Insoluble  
Boiling Point: ND  
Percent Volatile: 2

Appearance and Odor: Silicon (various different colors) no odor

**SECTION X: STABILITY AND REACTIVITY**

Stable (x) Unstable ( )  
Conditions to Avoid: Heat in excess of 40°C, direct sunlight or intense light.  
Incompatibility: Free radical initiators, oxidizing agents  
Hazardous Decomposition Products: Acrylic smoke  
Hazardous Polymerization: May occur ( ) Will not occur (x)

**SECTION XI: TOXICOLOGICAL INFORMATION**

Carcinogens: None known

**SECTION XII : ECOLOGICAL INFORMATION**

This material contains hazardous components. Allow materials to cure prior to disposal.

**SECTION XIII : DISPOSAL CONSIDERATIONS**

Dispose of safely in accordance with local, state, and federal regulations.

**SECTION XIV : TRANSPORT INFORMATION**

Stable under normal conditions of use, transportation, and storage.

**SECTION XV: REGULATORY INFORMATION**

510k#: K951075

**SECTION XVI : OTHER INFORMATION**

None

The data and information given in this msds are accurate on the date of preparation. It does not indicate any warranty or representation. We disclaim all liability relating to use of this material since this is beyond our control.



3420 FOSTORIA WAY STE A-200 SAN RAMON, CALIFORNIA 94583 USA  
PHONE 800-827-7940 FAX 925-973-0764



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# Safety Data Sheet

according to 29CFR1910/1200 and GHS Rev. 3

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## StarVPS

### SECTION 1: Identification of the substance/mixture and of the supplier

**Product name:** StarVPS

**Manufacturer/Supplier Trade name:** StarVPS

**Manufacturer/Supplier Article number:** 0419

**Recommended uses of the product and restrictions on use:** Dental Impressions.

**Manufacturer Details:**

Danville Materials  
3420 Fostoria Way Suite a200  
San Ramon, CA 94583  
Tel:

**Supplier Details:**

Danville Materials  
3420 Fostoria Way Suite a200  
San Ramon, CA 94583  
Tel:

**Emergency telephone number:**

CHEMTREC: 1-800-424-9300, 703-527-3887

### SECTION 2: Hazards identification

**Classification of the substance or mixture:** Not classified for physical or health hazards under GHS.

**Signal word:** None.

**Hazard statements:** None.

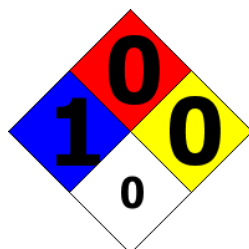
**Precautionary statements:**

If medical advice is needed, have product container or label at hand.  
Keep out of reach of children.  
Read label before use.

**Hazards not otherwise classified (HNOC):** No additional information.

**Other Non-GHS Classification:**

#### NFPA/HMIS



NFPA SCALE (0-4)

Health	1
Flammability	0
Physical Hazard	0
Personal Protection	X

HMIS RATINGS (0-4)

0=Minimal Hazard; 1=Slight Hazard; 2=Moderate Hazard; 3=Serious Hazard; 4=Severe Hazard.

### SECTION 3: Composition/information on ingredients

Ingredients:		
CAS#	Description	Wt. %
CAS N/A	Mixture of Polydimethylsiloxane, Silica and Paraffin	<100 %
Percentages are by weight		

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### SECTION 4: First aid measures

#### Description of first aid measures

**After inhalation:** Loosen clothing as necessary and position individual in a comfortable position. Move exposed to fresh air. Give artificial respiration if necessary. If breathing is difficult give oxygen. Get medical assistance if cough or other symptoms appear.

**After skin contact:** Rinse/flush exposed skin gently using soap and water for 15-20 minutes. Seek medical advice if discomfort or irritation persists.

**After eye contact:** Protect unexposed eye. Rinse/flush exposed eye(s) gently using water for 15-20 minutes. Remove contact lens(es) if able to do so during rinsing. Seek medical attention if irritation persists or if concerned.

**After swallowing:** Rinse mouth thoroughly. Do not induce vomiting. Seek medical attention if irritation, discomfort, or vomiting persists.

#### Most important symptoms and effects, both acute and delayed:

Irritation. Headache. Nausea. Shortness of breath.

#### Indication of any immediate medical attention and special treatment needed:

If seeking medical attention provide SDS document to physician. Physician should treat symptomatically.

### SECTION 5: Firefighting measures

#### Extinguishing media

##### Suitable extinguishing agents:

**Suitable extinguishing agents:** Use water, dry chemical, chemical foam, carbon dioxide, or alcohol-resistant foam.

**For safety reasons unsuitable extinguishing agents:** None identified.

#### Special hazards arising from the substance or mixture:

Irritating and/or toxic gases and aerosols may be present from the decomposition/combustion of product.

#### Advice for firefighters:

##### Protective equipment:

Wear protective eyewear, gloves, and clothing. Refer to Section 8. Use NIOSH- approved respiratory protection/breathing apparatus.

##### Additional information (precautions):

Avoid inhaling gases, fumes, dust, mist, vapor, and aerosols. Avoid contact with skin, eyes, and clothing.

### SECTION 6: Accidental release measures

#### Personal precautions, protective equipment and emergency procedures:

Ensure adequate ventilation. Ensure that air-handling systems are operational.

#### Environmental precautions:

Should not be released into environment. Prevent from reaching drains, sewer, or waterway.

#### Methods and material for containment and cleaning up:

Wear protective eyewear, gloves, and clothing. Refer to Section 8. Always obey local regulations. Containerize for disposal. Refer to Section 13. If necessary use trained response staff or contractor. Evacuate personnel to safe areas. Keep in suitable closed containers for disposal.

#### Reference to other sections: No additional information.

### SECTION 7: Handling and storage

#### Precautions for safe handling:

Avoid contact with skin, eyes, and clothing. Follow good hygiene procedures when handling chemical materials. Refer to Section 8. Follow proper disposal methods. Refer to Section 13. Do not eat, drink, smoke, or use personal products when handling chemical substances. Note that handling with latex or rubber gloves may inhibit set. Use only vinyl gloves.

#### Conditions for safe storage, including any incompatibilities:

Store in a cool location. Keep away from food and beverages. Provide ventilation for containers. Keep container tightly sealed. Store away from heat sources. Temperature will affect set time. Store away from

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strong oxidizing agents.

### SECTION 8: Exposure controls/personal protection



<b>Control Parameters:</b>	No applicable occupational exposure limits.
<b>Appropriate Engineering controls:</b>	Emergency eye wash fountains and safety showers should be available in the immediate vicinity of use or handling. Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapor and mists below the applicable workplace exposure limits (Occupational Exposure Limits-OELs) indicated above.
<b>Respiratory protection:</b>	Not required under normal conditions of use. Where risk assessment shows air-purifying respirators are appropriate use a full-face particle respirator type N100 (US) or type P3 (EN 143) respirator cartridges as a backup to engineering controls. When necessary use NIOSH approved breathing equipment.
<b>Protection of skin:</b>	Select glove material impermeable and resistant to the substance. Select glove material based on rates of diffusion and degradation. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Use proper glove removal technique without touching outer surface. Avoid skin contact with used gloves. Wear protective clothing.
<b>Eye protection:</b>	Wear equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). Safety glasses or goggles are appropriate eye protection.
<b>General hygienic measures:</b>	Perform routine housekeeping. Wash hands before breaks and at the end of work. Avoid contact with skin, eyes, and clothing. Before wearing wash contaminated clothing.

### SECTION 9: Physical and chemical properties

<b>Appearance (physical state, color):</b>	Silicon (various different colors)	<b>Explosion limit lower:</b> <b>Explosion limit upper:</b>	Not Determined. Not Determined++.
<b>Odor:</b>	Odorless	<b>Vapor pressure:</b>	Not Determined
<b>Odor threshold:</b>	Not Determined	<b>Vapor density:</b>	Not Determined
<b>pH-value:</b>	Not Determined	<b>Relative density:</b>	Not Determined
<b>Melting/Freezing point:</b>	Not Determined	<b>Solubilities:</b>	Insoluble in water.
<b>Boiling point/Boiling range:</b>	Not Determined	<b>Partition coefficient (n-octanol/water):</b>	Not Determined
<b>Flash point (closed cup):</b>	485°F (252°C)	<b>Auto/Self-ignition temperature:</b>	Not Determined
<b>Evaporation rate:</b>	Not Determined	<b>Decomposition temperature:</b>	Not Determined
<b>Flammability (solid, gaseous):</b>	Not Determined	<b>Viscosity:</b>	a. Kinematic: Not Determined b. Dynamic: Not Determined
<b>Density:</b> Not Determined			

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### SECTION 10: Stability and reactivity

**Reactivity:** Nonreactive under normal conditions.  
**Chemical stability:** Stable under normal conditions.  
**Possible hazardous reactions:** None under normal processing.  
**Conditions to avoid:** Incompatible materials.  
**Incompatible materials:** Strong oxidizers.  
**Hazardous decomposition products:** None identified.

### SECTION 11: Toxicological information

<b>Acute Toxicity:</b>	No additional information.
<b>Chronic Toxicity:</b>	No additional information.
<b>Corrosion irritation:</b>	No additional information.
<b>Sensitization:</b>	No additional information.
<b>Single target organ (STOT):</b>	No additional information.
<b>Numerical measures:</b>	No additional information.
<b>Carcinogenicity:</b>	No additional information.
<b>Mutagenicity:</b>	No additional information.
<b>Reproductive toxicity:</b>	No additional information.

### SECTION 12: Ecological information

**Ecotoxicity:** Not determined.  
**Persistence and degradability:** Not determined.  
**Bioaccumulative potential:** Not determined.  
**Mobility in soil:** Aqueous solutions expected to have high mobility in soil.  
**Other adverse effects:** None identified.

### SECTION 13: Disposal considerations

#### Waste disposal recommendations:

Contact a licensed professional waste disposal service to dispose of this material. Dispose of empty containers as unused product. Product or containers must not be disposed with household garbage. It is the responsibility of the waste generator to properly characterize all waste materials according to applicable regulatory entities (US 40CFR262.11). Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Chemical waste generators must also consult local, regional, and national hazardous waste regulations. Ensure complete and accurate classification.

### SECTION 14: Transport information

<b>UN-Number:</b>	Not Regulated.
<b>UN proper shipping name:</b>	Not Regulated.
<b>Transport hazard class(es):</b>	Not applicable.
<b>Packing group:</b>	Not applicable.
<b>Environmental hazard:</b>	Not applicable.
<b>Transport in bulk:</b>	Not applicable.
<b>Special precautions for user:</b>	Not applicable.

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## SECTION 15: Regulatory information

### United States (USA)

**SARA Section 311/312 (Specific toxic chemical listings):** None of the ingredients are listed.

**SARA Section 313 (Specific toxic chemical listings):** None of the ingredients are listed.

**RCRA (hazardous waste code):** None of the ingredients are listed.

**TSCA (Toxic Substances Control Act):** All ingredient are listed.

**CERCLA (Comprehensive Environmental Response, Compensation, and Liability Act):** None of the ingredients are listed.

### Proposition 65 (California):

**Chemicals known to cause cancer:** None of the ingredients are listed.

**Chemicals known to cause reproductive toxicity for females:** None of the ingredients are listed.

**Chemicals known to cause reproductive toxicity for males:** None of the ingredients are listed.

**Chemicals known to cause developmental toxicity:** None of the ingredients are listed.

### Canada

**Canadian Domestic Substances List (DSL):** All ingredients are listed.

**Canadian NPRI Ingredient Disclosure list (limit 0.1%):** None of the ingredients are listed.

**Canadian NPRI Ingredient Disclosure list (limit 1%):** None of the ingredients are listed.

## SECTION 16: Other information

This product has been classified in accordance with hazard criteria of the Controlled Products Regulations and the SDS contains all the information required by the Controlled Products Regulations.

**Note:** The responsibility to provide a safe workplace remains with the user. The user should consider the health hazards and safety information contained herein as a guide and should take those precautions required in an individual operation to instruct employees and develop work practice procedures for a safe work environment. The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by the use of this material. It is the responsibility of the user to comply with all applicable laws and regulations applicable to this material.

### Abbreviations and acronyms:

**IMDG:** International Maritime Code for Dangerous Goods.

**PNEC:** Predicted No-Effect Concentration (REACH).

**CFR:** Code of Federal Regulations (USA).

**SARA:** Superfund Amendments and Reauthorization Act (USA).

**RCRA:** Resource Conservation and Recovery Act (USA).

**TSCA:** Toxic Substances Control Act (USA).

**NPRI:** National Pollutant Release Inventory (Canada).

**DOT:** US Department of Transportation.

**IATA:** International Air Transport Association.

**GHS:** Globally Harmonized System of Classification and Labelling of Chemicals.

**ACGIH:** American Conference of Governmental Industrial Hygienists.

**CAS:** Chemical Abstracts Service (division of the American Chemical Society).

**NFPA:** National Fire Protection Association (USA).

**HMIS:** Hazardous Materials Identification System (USA).

**WHMIS:** Workplace Hazardous Materials Information System (Canada).

**DNEL:** Derived No-Effect Level (REACH).

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