

## 1. IDENTIFICATION

**Product identifier**

**Product Name** Semi-Gloss Midtone Base

**Other means of identification**

**Product Code** 82644  
**SKU(s)** 82641, 82644

**Recommended use of the chemical and restrictions on use**

**Recommended Use** No information available.  
**Uses advised against** No information available

**Details of the supplier of the safety data sheet**

**Manufacturer Address**  
Van Sickle Paint Mfg. Co.  
PO Box 82222  
Lincoln, NE 68501  
Phone: 402-476-6558  
Fax: 402-476-6749

**Emergency telephone number**

**Emergency Telephone** Chemtrec 1-800-424-9300

## 2. HAZARDS IDENTIFICATION

**Classification**

**OSHA Regulatory Status**

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

|                 |             |
|-----------------|-------------|
| Carcinogenicity | Category 1A |
|-----------------|-------------|

### Emergency Overview

**Danger**

**Hazard statements**

May cause cancer



**Appearance** No information available

**Physical state** liquid

**Odor** No information available

**Precautionary Statements - Prevention**

Obtain special instructions before use  
Do not handle until all safety precautions have been read and understood  
Use personal protective equipment as required

**Precautionary Statements - Response**

IF exposed or concerned: Get medical advice/attention

**Precautionary Statements - Storage**

Store locked up

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Hazards not otherwise classified (HNOC)****Other Information**

Unknown acute toxicity 1.72% of the mixture consists of ingredient(s) of unknown toxicity

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

| Chemical Name               | CAS No.    | Weight-% | Trade Secret |
|-----------------------------|------------|----------|--------------|
| Titanium dioxide            | 13463-67-7 | 10 - 30  | *            |
| Ethylene Glycol             | 107-21-1   | 1 - 5    | *            |
| Texanol                     | 25265-77-4 | 1 - 5    | *            |
| Kaolin                      | 1332-58-7  | 1 - 5    | *            |
| Crystalline Silica          | 14808-60-7 | 0.1 - 1  | *            |
| Heavy Paraffinic Distillate | 64742-54-7 | 0.1 - 1  | *            |
| Sodium nitrite              | 7632-00-0  | 0.1 - 1  | *            |

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

**4. FIRST AID MEASURES****Description of first aid measures**

|                     |  |
|---------------------|--|
| <b>Eye contact</b>  | Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician. |
| <b>Skin Contact</b> | Wash skin with soap and water.   |
| <b>Inhalation</b>   | Remove to fresh air.   |
| <b>Ingestion</b>    | Clean mouth with water and drink afterwards plenty of water.   |

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

|                 |                           |
|-----------------|---------------------------|
| <b>Symptoms</b> | No information available. |
|-----------------|---------------------------|

**Indication of any immediate medical attention and special treatment needed**

|                           |                        |
|---------------------------|------------------------|
| <b>Note to physicians</b> | Treat symptomatically. |
|---------------------------|------------------------|

**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**

No information available.

**Explosion data****Sensitivity to Mechanical Impact** None.**Sensitivity to Static Discharge** None.

**Protective equipment and precautions for firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## 6. ACCIDENTAL RELEASE MEASURES

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

**Personal precautions** Ensure adequate ventilation, especially in confined areas.

**Environmental precautions**

**Environmental precautions** See Section 12 for additional ecological information.

**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** Use personal protective equipment as required. Dam up. Cover liquid spill with sand, earth or other non-combustible absorbent material. Take up mechanically, placing in appropriate containers for disposal. Clean contaminated surface thoroughly.

## 7. HANDLING AND STORAGE

**Precautions for safe handling**

**Advice on safe handling** Handle in accordance with good industrial hygiene and safety practice.

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

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

**Incompatible materials** None known based on information supplied.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Control parameters****Exposure Guidelines**

| Chemical Name                    | ACGIH TLV  | OSHA PEL   | NIOSH IDLH  |
|----------------------------------|--|--|---|
| Titanium dioxide<br>13463-67-7   | TWA: 10 mg/m <sup>3</sup>  | TWA: 15 mg/m <sup>3</sup> total dust<br>(vacated) TWA: 10 mg/m <sup>3</sup> total dust   | IDLH: 5000 mg/m <sup>3</sup>  |
| Ethylene Glycol<br>107-21-1      | Ceiling: 100 mg/m <sup>3</sup> aerosol only  | (vacated) Ceiling: 50 ppm<br>(vacated) Ceiling: 125 mg/m <sup>3</sup>  | -   |
| Kaolin<br>1332-58-7              | TWA: 2 mg/m <sup>3</sup> particulate matter containing no asbestos and <1% crystalline silica, respirable fraction | TWA: 15 mg/m <sup>3</sup> total dust<br>TWA: 5 mg/m <sup>3</sup> respirable fraction<br>(vacated) TWA: 10 mg/m <sup>3</sup> total dust<br>(vacated) TWA: 5 mg/m <sup>3</sup> respirable fraction   | TWA: 10 mg/m <sup>3</sup> total dust<br>TWA: 5 mg/m <sup>3</sup> respirable dust          |
| Crystalline Silica<br>14808-60-7 | TWA: 0.025 mg/m <sup>3</sup> respirable fraction   | (vacated) TWA: 0.1 mg/m <sup>3</sup> respirable dust<br>: (30)/( (%SiO <sub>2</sub> + 2) mg/m <sup>3</sup> TWA total dust<br>: (250)/( (%SiO <sub>2</sub> + 5) mppcf TWA respirable fraction<br>: (10)/( (%SiO <sub>2</sub> + 2) mg/m <sup>3</sup> TWA respirable fraction | IDLH: 50 mg/m <sup>3</sup> respirable dust<br>TWA: 0.05 mg/m <sup>3</sup> respirable dust |

NIOSH IDLH *Immediately Dangerous to Life or Health*

**Other Information**

Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

**Appropriate engineering controls**

**Engineering Controls**                      Showers  
 Eyewash stations  
 Ventilation systems.

**Individual protection measures, such as personal protective equipment**

**Eye/face protection**                      No special technical protective measures are necessary.

**Skin and body protection**                No special technical protective measures are necessary.

**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 required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

**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**

|                       |                          |                       |                          |
|-----------------------|--------------------------|-----------------------|--------------------------|
| <b>Physical state</b> | liquid                   | <b>Odor</b>           | No information available |
| <b>Appearance</b>     | No information available | <b>Odor threshold</b> | No information available |
| <b>Color</b>          | No information available |                       |                          |

| <u>Property</u>                      | <u>Values</u>            | <u>Remarks • Method</u> |
|--------------------------------------|--------------------------|-------------------------|
| <b>pH</b>                            | 9.5-10.0                 |                         |
| <b>Melting point/freezing point</b>  | No information available |                         |
| <b>Boiling point / boiling range</b> | >= 26 °C / 79 °F         |                         |
| <b>Flash point</b>                   | > 94 °C / > 201 °F       |                         |
| <b>Evaporation rate</b>              | No information available |                         |
| <b>Flammability (solid, gas)</b>     | No information available |                         |
| <b>Flammability Limit in Air</b>     |                          |                         |
| <b>Upper flammability limit:</b>     | No information available |                         |
| <b>Lower flammability limit:</b>     | No information available |                         |
| <b>Vapor pressure</b>                | No information available |                         |
| <b>Vapor density</b>                 | No information available |                         |
| <b>Specific Gravity</b>              | 1.19                     |                         |
| <b>Water solubility</b>              | No information available |                         |
| <b>Solubility in other solvents</b>  | No information available |                         |
| <b>Partition coefficient</b>         | No information available |                         |
| <b>Autoignition temperature</b>      | No information available |                         |
| <b>Decomposition temperature</b>     | No information available |                         |
| <b>Kinematic viscosity</b>           | No information available |                         |
| <b>Dynamic viscosity</b>             | No information available |                         |
| <b>Explosive properties</b>          | No information available |                         |
| <b>Oxidizing properties</b>          | No information available |                         |

**Other Information**

|                                   |                          |
|-----------------------------------|--------------------------|
| <b>Softening point</b>            | No information available |
| <b>Molecular weight</b>           | No information available |
| <b>VOC Content (%)</b>            | No information available |
| <b>Density</b>                    | 9.91 lbs/gal             |
| <b>Bulk density</b>               | No information available |
| <b>Percent solids by weight</b>   | 39.2%                    |
| <b>Percent volatile by weight</b> | 4.1%                     |
| <b>Percent solids by volume</b>   | 28.5%                    |
| <b>Actual VOC (lbs/gal)</b>       | 0.4                      |
| <b>Actual VOC (grams/liter)</b>   | 48.3                     |

|                         |       |
|-------------------------|-------|
| EPA VOC (lbs/gal)       | 1.2   |
| EPA VOC (grams/liter)   | 145.8 |
| EPA VOC (lb/gal solids) | 1.4   |

## 10. STABILITY AND REACTIVITY

### Reactivity

No data available

### Chemical stability

Stable under recommended storage conditions.

### Possibility of Hazardous Reactions

None under normal processing.

### Conditions to avoid

Extremes of temperature and direct sunlight.

### 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

|                            |                    |
|----------------------------|--------------------|
| <b>Product Information</b> | No data available  |
| <b>Inhalation</b>          | No data available. |
| <b>Eye contact</b>         | No data available. |
| <b>Skin Contact</b>        | No data available. |
| <b>Ingestion</b>           | No data available. |

| Chemical Name                             | Oral LD50             | Dermal LD50                                      | Inhalation LC50        |
|---|-----------------------|--|------------------------|
| Titanium dioxide<br>13463-67-7            | > 10000 mg/kg ( Rat ) | -  | -                      |
| Ethylene Glycol<br>107-21-1               | = 4700 mg/kg ( Rat )  | = 10600 mg/kg ( Rat ) = 9530 µL/kg<br>( Rabbit ) | -                      |
| Texanol<br>25265-77-4                     | = 3200 mg/kg ( Rat )  | > 15200 mg/kg ( Rat )                            | -                      |
| Crystalline Silica<br>14808-60-7          | = 500 mg/kg ( Rat )   | -  | -                      |
| Heavy Paraffinic Distillate<br>64742-54-7 | > 15 g/kg ( Rat )     | -  | -                      |
| Sodium nitrite<br>7632-00-0               | = 85 mg/kg ( Rat )    | -  | = 5.5 mg/L ( Rat ) 4 h |

### Information on toxicological effects

**Symptoms** No information available.

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

**Sensitization** No information available.

**Germ cell mutagenicity** No information available.

**Carcinogenicity** No information available.

| Chemical Name | ACGIH | IARC | NTP | OSHA |
|---------------|-------|------|-----|------|
|               |       |      |     |      |

|   |    |          |       |   |
|---|----|----------|-------|---|
| Titanium dioxide<br>13463-67-7            | -  | Group 2B | -     | X |
| Crystalline Silica<br>14808-60-7          | A2 | Group 1  | Known | X |
| Heavy Paraffinic Distillate<br>64742-54-7 | A2 | Group 1  | -     | X |
| Sodium nitrite<br>7632-00-0               | -  | Group 2A | -     | X |

ACGIH (American Conference of Governmental Industrial Hygienists)

A2 - Suspected Human Carcinogen

IARC (International Agency for Research on Cancer)

Group 1 - Carcinogenic to Humans

Group 2A - Probably Carcinogenic to Humans

Group 2B - Possibly Carcinogenic to Humans

Group 3 - Not classifiable as a human carcinogen

NTP (National Toxicology Program)

Known - Known Carcinogen

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

X - Present

**Reproductive toxicity**

No information available.

**STOT - single exposure**

No information available.

**STOT - repeated exposure**

No information available.

**Target Organ Effects**

Central nervous system, Eyes, lungs, Respiratory system, Skin.

**Aspiration hazard**

No information available.

**Numerical measures of toxicity - Product Information**

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

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity**

16.25% of the mixture consists of component(s) of unknown hazards to the aquatic environment

| Chemical Name                             | Algae/aquatic plants   | Fish   | Crustacea                              |
|---|--|--|--|
| Ethylene Glycol<br>107-21-1               | 6500 - 13000: 96 h<br>Pseudokirchneriella subcapitata<br>mg/L EC50 | 41000: 96 h Oncorhynchus mykiss<br>mg/L LC50 14 - 18: 96 h<br>Oncorhynchus mykiss mL/L LC50<br>static 27540: 96 h Lepomis<br>macrochirus mg/L LC50 static<br>40761: 96 h Oncorhynchus mykiss<br>mg/L LC50 static 40000 - 60000: 96<br>h Pimephales promelas mg/L LC50<br>static 16000: 96 h Poecilia reticulata<br>mg/L LC50 static                                | 46300: 48 h Daphnia magna mg/L<br>EC50 |
| Texanol<br>25265-77-4                     | 18.4: 72 h Pseudokirchneriella<br>subcapitata mg/L EC50            | 30: 96 h Pimephales promelas mg/L<br>LC50  | 95: 96 h Daphnia magna mg/L LC50       |
| Heavy Paraffinic Distillate<br>64742-54-7 | -  | 5000: 96 h Oncorhynchus mykiss<br>mg/L LC50  | 1000: 48 h Daphnia magna mg/L<br>EC50  |
| Sodium nitrite<br>7632-00-0               | -  | 0.19: 96 h Oncorhynchus mykiss<br>mg/L LC50 flow-through 0.092 -<br>0.13: 96 h Oncorhynchus mykiss<br>mg/L LC50 flow-through 0.4 - 0.6:<br>96 h Oncorhynchus mykiss mg/L<br>LC50 semi-static 0.65 - 1: 96 h<br>Oncorhynchus mykiss mg/L LC50<br>static 2.3: 96 h Pimephales<br>promelas mg/L LC50 flow-through<br>20: 96 h Pimephales promelas mg/L<br>LC50 static | -                                      |

**Persistence and degradability**

No information available.

**Bioaccumulation**

No information available.

| Chemical Name               | Partition coefficient |
|-----------------------------|-----------------------|
| Ethylene Glycol<br>107-21-1 | -1.93                 |
| Texanol<br>25265-77-4       | 3.47                  |
| Sodium nitrite<br>7632-00-0 | -3.7                  |

**Other adverse effects** No information available

### 13. DISPOSAL CONSIDERATIONS

#### Waste treatment methods

**Disposal of wastes** Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated packaging** Do not reuse container.

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

| Chemical Name               | California Hazardous Waste Status |
|-----------------------------|-----------------------------------|
| Sodium nitrite<br>7632-00-0 | Toxic<br>Ignitable<br>Reactive    |

### 14. TRANSPORT INFORMATION

**DOT** Not regulated

### 15. REGULATORY INFORMATION

#### International Inventories

|               |                   |
|---------------|-------------------|
| TSCA          | Complies          |
| DSL/NDSL      | Complies *        |
| EINECS/ELINCS | Does not comply * |
| ENCS          | Does not comply * |
| IECSC         | Complies *        |
| KECL          | Complies *        |
| PICCS         | Complies *        |
| AICS          | Complies *        |

\* This product contains an unknown chemical, therefore, this product's compliance to the inventory list is NOT DETERMINED

#### Legend:

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

AICS - Australian Inventory of Chemical Substances

**US Federal Regulations****SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

| Chemical Name              | SARA 313 - Threshold Values % |
|----------------------------|-------------------------------|
| Ethylene Glycol - 107-21-1 | 1.0                           |

**SARA 311/312 Hazard Categories**

|                                   |    |
|-----------------------------------|----|
| Acute health hazard               | No |
| Chronic Health Hazard             | No |
| Fire hazard                       | No |
| Sudden release of pressure hazard | No |
| Reactive Hazard                   | No |

**CWA (Clean Water Act)**

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

| Chemical Name               | CWA - Reportable Quantities | CWA - Toxic Pollutants | CWA - Priority Pollutants | CWA - Hazardous Substances |
|-----------------------------|-----------------------------|------------------------|---------------------------|----------------------------|
| Sodium nitrite<br>7632-00-0 | 100 lb                      | -                      | -                         | X                          |

**CERCLA**

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

| Chemical Name               | Hazardous Substances RQs | CERCLA/SARA RQ | Reportable Quantity (RQ)                   |
|-----------------------------|--------------------------|----------------|--|
| Ethylene Glycol<br>107-21-1 | 5000 lb                  | -              | RQ 5000 lb final RQ<br>RQ 2270 kg final RQ |
| Sodium nitrite<br>7632-00-0 | 100 lb                   | -              | RQ 100 lb final RQ<br>RQ 45.4 kg final RQ  |

**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                |

**U.S. State Right-to-Know Regulations**

| Chemical Name                    | New Jersey | Massachusetts | Pennsylvania |
|----------------------------------|------------|---------------|--------------|
| Titanium dioxide<br>13463-67-7   | X          | X             | X            |
| Ethylene Glycol<br>107-21-1      | X          | X             | X            |
| Kaolin<br>1332-58-7              | X          | X             | X            |
| Crystalline Silica<br>14808-60-7 | X          | X             | X            |
| Ammonium Hydroxide<br>1336-21-6  | X          | X             | X            |
| Magnesium nitrate<br>10377-60-3  | X          | X             | X            |

**U.S. EPA Label Information**

EPA Pesticide Registration Number Not applicable

**Hazardous air pollutants (HAPS) content**



LIST OF HAZARDOUS AIR POLLUTANTS SUBJECT TO THE PROVISIONS OF THE CLEAN AIR ACT, TITLE I SECTION 112 'National Emission Standards for Hazardous Air Pollutants':

| Chemical Name               | Weight % of HAPS in Product | Pounds HAPS / Gal Product |
|-----------------------------|-----------------------------|---------------------------|
| Ethylene Glycol<br>107-21-1 | 2.52%                       | 0.25                      |

#### 16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION

|             |                    |                |                    |                                    |
|-------------|--------------------|----------------|--------------------|------------------------------------|
| <u>NFPA</u> | Health hazards 2   | Flammability 1 | Instability 0      | Physical and Chemical Properties - |
| <u>HMIS</u> | Health hazards 2 * | Flammability 1 | Physical hazards 0 | Personal protection X              |

*Chronic Hazard Star Legend*                      \* = *Chronic Health Hazard*

**Revision Date**    12-May-2015

**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. Shipping information may vary based upon container size and shipping destination. Each user of this material needs to evaluate the conditions of use and design the appropriate protective mechanisms to prevent employee exposures, property damage, or release to the environment. The manufacturer assumes no responsibility for injury to the recipient or third persons, or for any damages to any property resulting from misuse of the product.

**End of Safety Data Sheet**