

# Safety Data Sheet

## Specialty Sealant MTL

Date: 09/05/2018

Version: 3

### 1. Identification

#### 1.1. Product identifier

**Product Identity** Specialty Sealant MTL  
**Alternate Names** Specialty Sealant MTL

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

**Intended use** See Technical Data Sheet.  
**Application Method** See Technical Data Sheet.

#### 1.3. Details of the supplier of the safety data sheet

**Company Name** U.S. Specialty Color Corporation  
5624 Cannon Drive  
Monroe, NC 28110

#### Emergency

**24 hour Emergency Telephone No.** 1-800-424-9300  
**Customer Service: U.S. Specialty Color Corporation** 704-292-1476

### 2. Hazard(s) identification

#### 2.1. Classification of the substance or mixture

|                        |   |
|------------------------|---|
| Skin Corr. 1A;H314     | Causes serious eye damage.  |
| Acute Tox. 5;H303      | May be harmful if swallowed. (Not adopted by US OSHA)   |
| Skin Irrit. 3;H316     | Causes mild skin irritation. (Not adopted by US OSHA)   |
| Skin Sens. 1;H317      | May cause an allergic skin reaction.  |
| Eye Dam. 1;H318        | Causes serious eye damage.  |
| Eye Irrit. 1;H319      | Causes serious eye irritation   |
| Resp. Sens. 1;H334     | May cause allergy or asthma symptoms of breathing difficulties if inhaled.                              |
| Muta. 2;H341           | Suspected of causing genetic defects.   |
| Carc. 1A;H350          | May cause cancer.   |
| Repr. 1B;H360D         | May damage the unborn child.  |
| STOT RE 1;H372         | Causes damage to organs through prolonged or repeated exposure. Specific Target Organs: (Not Available) |
| Aquatic Chronic 2;H411 | Toxic to aquatic life with long lasting effects.  |

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### 2.2. Label elements

Using the Toxicity Data listed in section 11 and 12 the product is labeled as follows.



**Danger**

H303 May be harmful if swallowed.

H316 Causes mild skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H334 May cause allergic or asthmatic symptoms or breathing difficulties if inhaled.

H341 Suspected of causing genetic defects.

H350 May cause cancer.

H360D May damage the unborn child.

H372 Causes damage to organs through prolonged or repeated exposure.

H411 Toxic to aquatic life with long lasting effects.

#### **[Prevention]:**

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood.

P261 Avoid breathing dust / fume / gas / mist / vapors / spray.

P262 Do not get in eyes, on skin, or on clothing.

P264 Wash thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

P272 Contaminated work clothing should not be allowed out of the workplace.

P273 Avoid release to the environment.

P280 Wear protective gloves / eye protection / face protection.

P285 In case of inadequate ventilation wear respiratory protection.

#### **[Response]:**

P301+310 IF SWALLOWED: Immediately call a POISON CENTER or doctor / physician.

P302+352 IF ON SKIN: Wash with plenty of soap and water.

P304+312 IF INHALED: Call a POISON CENTER or doctor / physician if you feel unwell.

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- P308+313 IF exposed or concerned: Get medical advice / attention.  
 P314 Get Medical advice / attention if you feel unwell.  
 P321 Specific treatment (see information on this label).  
 P331 Do NOT induce vomiting.  
 P333+313 If skin irritation or a rash occurs: Get medical advice / attention.  
 P341 If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.  
 P342+311 If experiencing respiratory symptoms: Call a POISON CENTER or doctor / physician.  
 P363 Wash contaminated clothing before reuse.  
 P391 Collect spillage.

**[Storage]:**

P405 Store locked up.

**[Disposal]:**

P501 Dispose of contents / container in accordance with local / national regulations.

### 3. Composition/information on ingredients

This product contains the following substances that present a hazard within the meaning of the relevant State and Federal Hazardous Substances regulations.

| Ingredient/Chemical Designations                    | Weight % | GHS Classification   | Notes  |
|---|----------|--|--------|
| Nickel(II) acetate<br>CAS Number: 373-02-4          | 5 - 10   | Carc. 1A;H350<br>Muta. 2;H341<br>Repr. 1B;H360D<br>STOT RE 1;H372<br>Acute tox. 4;H332<br>Acute tox. 4;H302<br>Resp. Sens. 1;H334<br>Skin Sens. 1;H317<br>Aquatic Acute 1;H400<br>Aquatic Chronic 1;H410 | [1]    |
| Acetic acid<br>CAS Number: 64-19-7                  | 1.0 - 5  | Flam. Liq. 3;H226<br>Skin Corr. 1A;H314<br>Eye Irrit. 2;H319   | [1][2] |
| Nonylphenol, ethoxylated<br>CAS Number: 127087-87-0 | 1.0 - 5  | Eye Dam. 2A;H319<br>Skin Corr. 1A;H314<br>Aquatic Chronic 2;H411<br>Acute Tox. 4;H302  | [1][3] |
| Surfactant<br>CAS Number: Proprietary               | 1.0 - 10 | Not Classified   | [1]    |

In accordance with paragraph (i) of §1910.1200, the specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

[1] Substance classified with a health or environmental hazard.

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[2] Substance with a workplace exposure limit.

[3] PBT-substance or vPvB-substance.

\*The full texts of the phrases are shown in Section 16.

### 4. First aid measures

#### 4.1. Description of first aid measures

|                   |   |
|-------------------|---|
| <b>General</b>    | In all cases of doubt, or when symptoms persist, seek medical attention.<br>Never give anything by mouth to an unconscious person.  |
| <b>Inhalation</b> | Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious place in the recovery position and obtain immediate medical attention. Give nothing by mouth. |
| <b>Eyes</b>       | Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart and seek medical attention.  |
| <b>Skin</b>       | Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognized skin cleanser.   |
| <b>Ingestion</b>  | Do not induce vomiting and get medical attention. Give water to dilute.   |

#### 4.2. Most important symptoms and effects, both acute and delayed

|                   |   |
|-------------------|---|
| <b>Overview</b>   | Warning: Contains material which may cause cancer.<br><br>Health effects of exposure:<br>Inhalation: Inhalation may cause respiratory irritation.<br>Ingestion: May cause gastric disturbances.<br>Skin: May cause irritation to the skin. This product contains a component that may cause allergic skin reactions.<br>Eyes: Contact can cause serious eye damage..<br><br>Reproductive or genetic defect hazard. See section 2 for further details. |
| <b>Inhalation</b> | May cause allergy or asthma symptoms or breathing difficulties if inhaled.  |
| <b>Skin</b>       | May cause an allergic skin reaction. Causes mild skin irritation. (Not adopted by US OSHA)  |
| <b>Ingestion</b>  | May be harmful if swallowed. (Not adopted by US OSHA)   |

### 5. Fire-fighting measures

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### 5.1. Extinguishing media

As appropriate for surrounding fire.

### 5.2. Special hazards arising from the substance or mixture

Hazardous combustion products: Irrigating and toxic gases or fumes may be released during a fire.

Avoid breathing dust / fume / gas / mist / vapors / spray.

Do not get in eyes, on skin, or on clothing.

### 5.3. Advice for fire-fighters

Unusual fire/explosion hazards: This product is an aqueous mixture which will not burn.

Fire-fighters should wear appropriate equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

## 6. Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Put on appropriate personal protective equipment (see section 8).

### 6.2. Environmental precautions

Do not allow spills to enter drains or waterways.

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

### 6.3. Methods and material for containment and cleaning up

Wear prescribed protective equipment. Vacuum or sweep up material and place in a designated container immediately. Prevent run off to drains, sewers or other public waterways.

Waste material may be disposed of by a licensed waste facility contractor.

## 7. Handling and storage

### 7.1. Precautions for safe handling

Avoid contact with eyes, skin, and clothing. Eating, drinking, and smoking should be prohibited in areas where this material is handled. Wash hands and face before eating, drinking, and smoking. Put on appropriate personal protective equipment (see section 8).

See section 2 for further details. - [Prevention]:

### 7.2. Conditions for safe storage, including any incompatibilities

Handle containers carefully to prevent damage and spillage.

Protect from freezing. Store at or above 50F.

Incompatible materials: No data available.

Store in original container, in a cool, dry location. Close package tightly after removal of product.

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See section 2 for further details. - [Storage]:

### 7.3. Specific end use(s)

No data available.

## 8. Exposure controls and personal protection

### 8.1. Control parameters

#### Exposure

| CAS No.     | Ingredient              | Source     | Value  |
|-------------|-------------------------|------------|--|
| 64-19-7     | Acetic acid             | OSHA       | TWA 10 ppm (25 mg/m <sup>3</sup> )                                   |
|             |                         | ACGIH      | TWA: 10 ppm STEL: 15 ppm   |
|             |                         | NIOSH      | TWA 10 ppm (25 mg/m <sup>3</sup> ) ST 15 ppm (37 mg/m <sup>3</sup> ) |
|             |                         | Supplier   | No Established Limit   |
| 373-02-4    | Nickel(II) acetate      | OSHA PEL   | TWA: 1 mg/m <sup>3</sup> – [Ni]                                      |
|             |                         | ACGIH      | No Established Limit   |
|             |                         | NIOSH IDLH | IDLH: 10 mg/m <sup>3</sup> - [Ni], TWA: 0.015 mg/m <sup>3</sup>      |
|             |                         | Supplier   | No Established Limit   |
| 127087-87-0 | Nonylphenol, ethoxylate | OSHA       | No Established Limit   |
|             |                         | ACGIH      | No Established Limit   |
|             |                         | NIOSH      | No Established Limit   |
|             |                         | Supplier   | No Established Limit   |
| Proprietary | Surfactant              | OSHA       | No Established Limit   |
|             |                         | ACGIH      | No Established Limit   |
|             |                         | NIOSH      | No Established Limit   |
|             |                         | Supplier   | No Established Limit   |

### Carcinogen Data

| CAS No.  | Ingredient         | Source | Value  |
|----------|--------------------|--------|--|
| 64-19-7  | Acetic acid        | OSHA   | Select Carcinogen: No  |
|          |                    | NTP    | Known: No; Suspected: No   |
|          |                    | IARC   | Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No; |
| 373-02-4 | Nickel(II) acetate | OSHA   | Select Carcinogen: Yes   |
|          |                    | NTP    | Known  |
|          |                    | IARC   | Group 1 - Carcinogenic to Humans                                   |

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|             |                         |      |  |
|-------------|-------------------------|------|--|
| 127087-87-0 | Nonylphenol, ethoxylate | OSHA | Select Carcinogen: No  |
|             |                         | NTP  | Known: No; Suspected: No   |
|             |                         | IARC | Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No; |
| Proprietary | Surfactant              | OSHA | Select Carcinogen: No  |
|             |                         | NTP  | Known: No; Suspected: No   |
|             |                         | IARC | Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No; |

### 8.2. Exposure controls

#### Respiratory

If a risk assessment indicates it is necessary, an appropriate NIOSH approved, properly fitted HEPA type respirator.

#### Eyes

Wear safety glasses with side shields.

#### Skin

Wear a rubber or plastic apron. Wear clothing suitable to avoid skin contact and clean after every shift. Wear impermeable rubber or plastic gloves.

#### Engineering Controls

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapor below occupational exposure limits suitable respiratory protection must be worn.

#### Other Work Practices

Eye wash fountain and emergency showers are recommended. Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

See section 2 for further details. - [Prevention]:

## 9. Physical and chemical properties

|   |  |
|---|--|
| <b>Appearance</b>                                   | Green Liquid   |
| <b>Odor</b>   | Mild acetic acid odor  |
| <b>Odor threshold</b>                               | Not Measured   |
| <b>pH</b>   | 5.0-5.8  |
| <b>Melting point / freezing point</b>               | Not Measured   |
| <b>Initial boiling point and boiling range</b>      | 215F   |
| <b>Flash Point</b>                                  | Not Measured   |
| <b>Evaporation rate (Ether = 1)</b>                 | Not Measured   |
| <b>Flammability (solid, gas)</b>                    | Not Applicable   |
| <b>Upper/lower flammability or explosive limits</b> | <b>Lower Explosive Limit:</b> Not Measured<br><b>Upper Explosive Limit:</b> Not Measured |
| <b>Vapor pressure (Pa)</b>                          | Not Measured   |
| <b>Vapor Density</b>                                | Not Measured   |
| <b>Specific Gravity</b>                             | 1.06-1.09  |
| <b>Solubility in Water</b>                          | Complete   |

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**Partition coefficient n-octanol/water (Log Kow)** Not Measured  
**Auto-ignition temperature** Not Measured  
**Decomposition temperature** Not Measured  
**Viscosity (cSt)** Not Measured

### 9.2. Other information

No other relevant information.

## 10. Stability and reactivity

### 10.1. Reactivity

Hazardous Polymerization will not occur.

### 10.2. Chemical stability

Stable under normal circumstances.

### 10.3. Possibility of hazardous reactions

No data available.

### 10.4. Conditions to avoid

No data available.

### 10.5. Incompatible materials

No data available.

### 10.6. Hazardous decomposition products

Oxides of carbon and sulfur

## 11. Toxicological information

### Acute toxicity

| Ingredient                              | Oral LD50, mg/kg  | Skin LD50, mg/kg  | Inhalation LC50, 4hr | Inhalation Dust/Mist LC50, mg/L/4hr | Inhalation Gas LC50, ppm |
|---|-------------------|-------------------|----------------------|-------------------------------------|--------------------------|
| Nickel(II) acetate - (373-02-4)         | 550, Rat          | No data available | 2.48 mg/l, Rat       | No data available                   | No data available        |
| Acetic acid - (64-19-7)                 | 3,310, Rat        | 1,112.00, Rabbit  | 11.40, Rat           | No data available                   | No data available        |
| Nonylphenol, ethoxylate - (127087-87-0) | >15900, Rat       | No data available | No data available    | No data available                   | No data available        |
| Surfactant - (Proprietary)              | No data available | No data available | No data available    | No data available                   | No data available        |



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**Classification:** this product is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200) and the Workplace Hazardous Material Information System (WHMIS) 2015

| Classification                | Category |
|-------------------------------|----------|
| Serious eye damage/irritation | 1        |
| Respiratory sensitization     | 1        |
| Skin sensitization            | 1 A      |
| Germ cell mutagenicity        | 2        |
| Carcinogenicity               | 1A       |
| Reproductive toxicity         | 1B       |
| STOT-repeated exposure        | 1        |

## 12. Ecological information

### 12.1. Toxicity

Toxic to aquatic life with long lasting effects.

No additional information provided for this product. See Section 3 for chemical specific data.

### Aquatic Ecotoxicity

| Ingredient                              | 96 hr LC50 fish, mg/l      | 48 hr EC50 crustacea, mg/l | ErC50 algae, mg/l                 |
|---|----------------------------|----------------------------|-----------------------------------|
| Nickel(II) acetate - (373-02-4)         | 15.3: Oncorhynchus mykiss  | Not Available              | 0.35: (72 hr), scenedesmus        |
| Acetic acid - (64-19-7)                 | 79.00, Pimephales promelas | 65.00, Daphnia magna       | 73.40 (96 hr), Navicula seminulum |
| Nonylphenol, ethoxylate - (127087-87-0) | Not available              | Not available              | Not available                     |
| Surfactant - (Proprietary)              | Not Available              | Not Available              | Not Available                     |

### 12.2. Persistence and degradability

There is no data available on the preparation itself.

### 12.3. Bioaccumulative potential

Not Measured

### 12.4. Mobility in soil

No data available.

### 12.5. Results of PBT and vPvB assessment

This product contains PBT/vPvB chemicals.

### 12.6. Other adverse effects

No data available.

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### 13. Disposal considerations

#### 13.1. Waste treatment methods

Observe all federal, state and local regulations when disposing of this substance.

### 14. Transport information

|                                    | DOT (Domestic Surface Transportation)      | IMO / IMDG (Ocean Transportation)                 | ICAO/IATA                 |
|------------------------------------|--|---|---------------------------|
| 14.1. UN number                    | Not Applicable                             | Not Regulated                                     | Not Regulated             |
| 14.2. UN proper shipping name      | Not Regulated                              | Not Regulated                                     | Not Regulated             |
| 14.3. Transport hazard class(es)   | DOT Hazard Class: Not Applicable           | IMDG: Not Applicable<br>Sub Class: Not Applicable | Air Class: Not Applicable |
| 14.4. Packing group                | Not Applicable                             | Not Applicable                                    | Not Applicable            |
| 14.5. Environmental hazards        |  |   |                           |
| IMDG                               | Marine Pollutant: Yes (Nickel(II) acetate) |   |                           |
| 14.6. Special precautions for user | No further information                     |   |                           |

### 15. Regulatory information

|                                    |   |                                |              |
|------------------------------------|---|--------------------------------|--------------|
| Regulatory Overview                | The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented. |                                |              |
| Toxic Substance Control Act (TSCA) | All components of this material are either listed or exempt from listing on the TSCA Inventory.                   |                                |              |
| WHMIS Classification               | D2A   |                                |              |
| US EPA Tier II Hazards             | Fire: No  | Sudden Release of Pressure: No | Reactive: No |
|                                    | Immediate (Acute): Yes  | Delayed (Chronic): Yes         |              |

#### U.S. 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:

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**Chemical Name:** Nickel(II) Acetate  
**CAS No:** 373-02-4  
**SARA-313 - Threshold Values %:** 0.1

### SARA 311/312 Hazard Categories

Carcinogenicity  
Reproductive toxicity  
Respiratory or skin sensitization  
Serious eye damage/eye irritation  
Specific target organ toxicity (single or repeated exposure)  
Germ cell mutagenicity

### Clean Water Act

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

**Chemical Name:** Nickel(II) Acetate  
**CWA -Toxic Pollutant:** Yes

### CERCLA

To the best of our knowledge, this product does not contain chemicals at levels which require reporting under this regulation, 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.

### California Proposition 65

WARNING! This product contains a chemical, which is known to the State of California to cause cancer and/or birth defects or other reproductive harm.

**Chemical Name:** Nickel(II) acetate  
**CAS No:** 373-02-4

### New Jersey RTK Substances (>1%):

Acetic acid  
Nickel(II) acetate

### Pennsylvania RTK Substances (>1%):

Acetic acid

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### 16. Other information

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

The full text of the phrases appearing in section 3 is:

H226 Flammable liquid and vapor.

H302 Harmful if swallowed.

H314 Causes severe skin burns and eye damage.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H332 Harmful if inhaled.

H334 May cause allergic or asthmatic symptoms or breathing difficulties if inhaled.

H335 May cause respiratory irritation.

H341 Suspected of causing genetic defects.

H350i May cause cancer if inhaled.

H360D May damage the unborn child.

H372 Causes damage to organs through prolonged or repeated exposure.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

H411 Toxic to aquatic life with long lasting effects.

**Issue Date:** 03/25/2015

**Revision Date:** 09/05/2018

**Revision Note:** California Proposition 65

We believe all the data and information given is accurate as of the date of preparation and is offered in good faith, but without warranty or representation. Since conditions of use are beyond our control, we disclaim all liability for reliance thereon. This is offered solely for your consideration, investigation and verification.

End of Document

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