



Safety Data Sheet

Issue Date No data available

Revision Date 27-Jan-2015

Revision Number 5

1. IDENTIFICATION

Product identifier

Product Code S222-0284A
Product Name DECO-TREAD CLEAR

Other means of identification

Common Name SERIES 222/223/224/284/285 PART A

Recommended use of the chemical and restrictions on use

Recommended Use industrial paint.
Uses advised against Consumer use, For professional use only. Not for residential use.

Details of the supplier of the safety data sheet

Manufacturer Address
Tnemec Company, Inc. 6800 Corporate Drive, Kansas City, MO 64120-1372

Emergency telephone number

Company Phone Number Tnemec Regulatory Dept: 816-474-3400
24 Hour Emergency Phone Number 800-535-5053 (Infotrac)

2. HAZARDS IDENTIFICATION

Classification

OSHA Regulatory Status

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

| | |
|--|---------------------------|
| Acute toxicity - Dermal | Category 4 |
| Skin corrosion/irritation | Category 1 Sub-category B |
| Serious eye damage/eye irritation | Category 1 |
| Skin sensitization | Category 1A |
| Reproductive Toxicity | Category 2 |
| Specific target organ toxicity (repeated exposure) | Category 1 |


Label elements

EMERGENCY OVERVIEW

Danger

Hazard statements

Harmful in contact with skin
Causes severe skin burns and eye damage
May cause an allergic skin reaction
Suspected of damaging fertility or the unborn child
Causes damage to organs through prolonged or repeated exposure



Appearance clear
Physical state liquid
Odor Slight

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
- Do not breathe dust/fume/gas/mist/vapors/spray
- Wash face, hands and any exposed skin thoroughly after handling
- Contaminated work clothing should not be allowed out of the workplace
- Wear protective gloves
- Do not eat, drink or smoke when using this product

Response

- Immediately call a POISON CENTER or doctor/physician
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
- Immediately call a POISON CENTER or doctor/physician
- Call a POISON CENTER or doctor/physician if you feel unwell
- Wash contaminated clothing before reuse
- IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
- If skin irritation or rash occurs: Get medical advice/attention
- IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
- Immediately call a POISON CENTER or doctor/physician
- IF SWALLOWED: Rinse mouth. DO NOT induce vomiting

Storage

- Store locked up
- Keep away from children

Disposal

Dispose of contents/container to an approved waste disposal plant

Hazards not otherwise classified (HNOC)

Other information

Toxic to aquatic life with long lasting effects
SEE SAFETY DATA SHEET

Acute Toxicity 0.33775 % of the mixture consists of ingredient(s) of unknown toxicity.

3. COMPOSITION/INFORMATION ON INGREDIENTS

| Component | CAS-No | Weight-% |
|-------------------|------------|-----------|
| EPOXY RESIN (LER) | 25085-99-8 | 60 - 100% |
| BENZYL ALCOHOL | 100-51-6 | 1 - 10% |
| NONYLPHENOL | 84852-15-3 | 1 - 10% |
| EPOXY RESIN | 30499-70-8 | 1 - 10% |

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

4. FIRST AID MEASURES

Description of first aid measures

| | |
|---|--|
| General advice | If symptoms persist, call a physician. |
| Eye contact | Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persist, call a physician. |
| Skin contact | Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. If symptoms persist, call a physician. |
| Inhalation | Remove to fresh air. Oxygen or artificial respiration if needed. |
| Ingestion | If swallowed, do not induce vomiting. Get medical attention immediately. |
| Self-protection of the first aider | Use personal protective equipment. Avoid contact with eyes, skin and clothing. |

Most important symptoms and effects, both acute and delayed

Notes to physician Treat symptomatically.

5. FIRE-FIGHTING MEASURES**Suitable extinguishing media**

Water spray. Dry chemical. Foam. Carbon dioxide (CO2).

Unsuitable extinguishing media No information available.

Specific hazards arising from the chemical

Thermal decomposition can lead to release of irritating gases and vapours In the event of fire and/or explosion do not breathe fumes

Hazardous combustion products Hazardous combustion products may include: A complex mixture of airborne solid and liquid particulates and gases (smoke). Carbon monoxide. Unidentified organic and inorganic compounds. Carbon oxides. Aldehydes. Phenolics.

Protective equipment and precautions for firefighters

Use water spray to cool unopened containers. In the event of fire, wear self-contained breathing apparatus. Keep away from heat/sparks/open flames/hot surfaces. MAY CAUSE HEAT AND PRESSURE BUILD-UP IN CLOSED CONTAINERS.

6. ACCIDENTAL RELEASE MEASURES**Personal precautions, protective equipment and emergency procedures**

Personal precautions Avoid contact with eyes, skin and clothing. Use personal protective equipment. Remove all sources of ignition.

Environmental Precautions

Environmental precautions Prevent further leakage or spillage if safe to do so. Do not flush into surface water or sanitary sewer system.

Methods and material for containment and cleaning up

Methods for containment Remove all sources of ignition. Spills may be collected with inert, absorbent material for proper disposal. Use non-sparking tools, protective gloves, goggles and clothing, adequate ventilation, avoid the breathing of vapors and use respiratory protective devices. Transfer absorbent material to suitable containers for proper disposal.

Methods for cleaning up If spilled, contain spilled material and remove with inert absorbent. Dispose of contaminated absorbent, container and unused contents in accordance with local, state and federal regulations.

7. HANDLING AND STORAGE

Precautions for safe handling

Handling Close container after each use. Avoid contact with eyes, skin and clothing. Do not eat, drink or smoke when using this product. If splashes are likely to occur, wear goggles. Wear protective gloves/clothing. Do not burn, or use a cutting torch on, the empty drum. When used in a mixture, read the labels and safety data sheets of all components. Wash thoroughly after handling.

Conditions for safe storage, including any incompatibilities

Storage Keep container tightly closed in a dry and well-ventilated place. Keep out of the reach of children.

Incompatible products Incompatible with oxidizing agents. Strong acids. Bases. Amines. Alkalis.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure guidelines

NIOSH IDLH: *Immediately Dangerous to Life or Health*

Appropriate engineering controls

Engineering measures Sufficient ventilation, in volume and pattern, should be provided through both local and general exhaust to keep the air contaminant concentration below current applicable OSHA Permissible Exposure Limits (PEL) and ACGIH's Threshold Limit Values (TLV). Appropriate ventilation should be employed to remove hazardous decomposition products formed during welding or flame cutting operations of surfaces coated with this product.

Individual protection measures, such as personal protective equipment

Eye/face protection Use chemical resistant splash type goggles. If splashes are likely to occur, wear face-shield.

Skin and body protection Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.

Respiratory protection Use only with adequate ventilation. Do not breathe vapors, spray mist, or dust. Ensure fresh air entry during application and drying. If you experience eye watering, headache or dizziness or if air monitoring demonstrates vapor/mist or dust levels are above applicable limits, wear an appropriate, properly fitted respirator (NIOSH/MSHA approved) during and after application. Follow respirator manufacturer's directions for respirator use.

General hygiene considerations Handle in accordance with good industrial hygiene and safety practice. Avoid breathing dust created by cutting, sanding, or grinding.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

| | | | |
|-----------------------|--------------------------|-----------------------|--------------------------|
| Physical state | liquid | Odor | Slight |
| Appearance | clear | Odor threshold | No information available |
| Color | No information available | | |

| <u>Property</u> | <u>Values</u> | <u>Remarks</u> |
|--|--------------------------|--------------------------|
| pH | | No data available |
| Melting point / freezing point | | No data available |
| Boiling point / boiling range | 72 °C / 162 °F | |
| Flash point | No information available | |
| Evaporation rate | | No data available |
| Flammability (solid, gas) | | No information available |
| Flammability Limit in Air | | No data available |
| Upper flammability limit | N/A | |
| Lower flammability limit | N/A | |
| Vapor pressure | | No data available |
| Vapor density | | No data available |
| Specific gravity | 1.13428 | g/cm3 |
| Water solubility | Insoluble in cold water | |
| Solubility in other solvents | | No data available |
| Partition coefficient: n-octanol/water | | No data available |
| Autoignition temperature | | No data available |
| Decomposition temperature | | No data available |
| Kinematic viscosity | | No data available |
| Dynamic viscosity | 1100 centipoises | |

Other Information

| | |
|--|-----------------|
| Density | 9.43892 lbs/gal |
| Volatile organic compounds (VOC) content | .078 lbs/gal |
| Total volatiles weight percent | .8330 % |
| Total volatiles volume percent | .9508 % |

10. STABILITY AND REACTIVITY**Reactivity**

None under normal processing

Chemical stability

Stable under recommended storage conditions.

Possibility of hazardous reactions

None under normal processing.

Conditions to avoid

Heat, flames and sparks.

Incompatible materials

Incompatible with oxidizing agents, Strong acids, Bases, Amines, Alkalis

Hazardous decomposition products

Hazardous combustion products may include: A complex mixture of airborne solid and liquid particulates and gases (smoke). Carbon monoxide. Unidentified organic and inorganic compounds. Carbon oxides. Aldehydes. Phenolics.

11. TOXICOLOGICAL INFORMATION**Information on Likely Routes of Exposure**

| | |
|---------------------|---|
| Inhalation | Harmful if inhaled. May cause central nervous system depression with nausea, headache, dizziness, vomiting, and incoordination. |
| Eye contact | Corrosive to the eyes and may cause severe damage including blindness. |
| Skin contact | Contact causes severe skin irritation and possible burns. |
| Ingestion | Harmful if swallowed. |

| Component | LD50 Oral | LD50 Dermal | LC50 Inhalation |
|----------------------------|----------------------|-------------------------|------------------------|
| BENZYL ALCOHOL 100-51-6 | = 1230 mg/kg (Rat) | = 2 g/kg (Rabbit) | = 8.8 mg/L (Rat) 4 h |
| NONYLPHENOL 84852-15-3 | = 580 mg/kg (Rat) | = 2031 mg/kg (Rabbit) | |

Information on toxicological effects

Symptoms Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting. Skin disorders.

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

Chronic Toxicity NOTICE: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. Cancer hazard. Contains crystalline silica which can cause cancer. (Risk of cancer depends on duration and level of exposure).

Sensitization No information available.

Mutagenicity No information available.

Carcinogenicity There are no known carcinogenic chemicals in this product.

Reproductive effects Suspected of damaging fertility or the unborn child.

STOT - single exposure No information available

STOT - repeated exposure Causes damage to organs through prolonged or repeated exposure

Target organ effects Eyes, Lungs, respiratory system, Skin, kidney, liver.

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.

Acute Toxicity 0.33775 % of the mixture consists of ingredient(s) of unknown toxicity.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Toxic to aquatic life with long lasting effects

48.94707 % of the mixture consists of components(s) of unknown hazards to the aquatic environment

| Component | Toxicity to algae | Toxicity to fish | Toxicity to daphnia |
|---------------------------------|---|--|------------------------------------|
| EPOXY RESIN (LER) 25085-99-8 | 11 mg/L 72 hr | 2 mg/L 96 hr Oncorhynchus mykiss | 1.8 mg/L 48h |
| BENZYL ALCOHOL 100-51-6 | 35: 3 h Anabaena variabilis mg/L EC50 | 10: 96 h Lepomis macrochirus mg/L LC50 static 460: 96 h Pimephales promelas mg/L LC50 static | 23: 48 h water flea mg/L EC50 |
| NONYLPHENOL 84852-15-3 | 0.36 - 0.48: 96 h Pseudokirchneriella subcapitata mg/L EC50 static 1.3: 72 h Desmodesmus subspicatus mg/L EC50 0.16 - 0.72: 72 h Pseudokirchneriella subcapitata mg/L EC50 static | 0.135: 96 h Pimephales promelas mg/L LC50 flow-through 0.1351: 96 h Lepomis macrochirus mg/L LC50 flow-through | 0.14: 48 h Daphnia magna mg/L EC50 |

Persistence and degradability

No information available.

Bioaccumulation

No information available.

Mobility in Environmental Media

| Component | log Pow |
|----------------------------|---------|
| BENZYL ALCOHOL 100-51-6 | 1.1 |

| | |
|---------------------------|-----|
| NONYLPHENOL 84852-15-3 | 5.4 |
|---------------------------|-----|

Other Adverse Effects No information available

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal Methods Keep container tightly closed. If spilled, contain spilled material and remove with inert absorbent. Dispose of contaminated absorbent, container and unused contents in accordance with local, state and federal regulations.

Contaminated packaging Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. TRANSPORT INFORMATION

DOT

Proper Shipping Name paint in oil Not regulated

IATA

Proper Shipping Name Not regulated

Additional information

Call TNE MEC Traffic Department - 816-474-3400 for additional information or other modes of Transportation.

15. REGULATORY INFORMATION

International Inventories

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

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 Commercial Chemical Substances/EU 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

The following chemical(s) are listed as HAP under the U.S. Clean Air Act, Section 12 (40 CFR 61):

United States of America

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 40n of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazardous**Categorization**

| | |
|-----------------------------------|-----|
| Acute Health Hazard | Yes |
| Chronic Health Hazard | Yes |
| Fire Hazard | No |
| Sudden Release of Pressure Hazard | No |
| Reactive Hazard | No |

CERCLA**United States of America****California Prop. 65**

This product does not contain any Proposition 65 chemicals

California SCAQMD Rule 443

Contains Photochemically Reactive Solvent

State Right-to-Know

| Component | New Jersey | Massachusetts | Pennsylvania |
|----------------------------|------------|---------------|--------------|
| BENZYL ALCOHOL 100-51-6 | | X | X |

16. OTHER INFORMATION

| | | | | |
|--|-----------|----------------|---------------|-------------------|
| <u>NFPA</u> | Health 3 | Flammability 1 | Instability 1 | Physical hazard * |
| <u>HMIS (Hazardous Material Information System)</u> | Health 3* | Flammability 1 | Reactivity 1 | |

Prepared By Tnemec Regulatory Dept: 816-474-3400
Revision Date 27-Jan-2015

Revision Summary
9 10 11 15

Disclaimer

For specific information regarding occupational safety and health standards, please refer to the Code of Federal Regulations, Title 29, Part 1910.

To the best of our knowledge, the information contained herein is accurate. However, neither the Tnemec Company or any of its subsidiaries assume any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown health hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist.

End of MSDS



Safety Data Sheet

Issue Date No data available

Revision Date 27-Jan-2015

Revision Number 4

1. IDENTIFICATION

Product identifier

Product Code S222-0284B
Product Name DECO-TREAD CONVERTER

Other means of identification

Common Name SERIES 222/223/224/284, PART B
UN/ID no. 3066

Recommended use of the chemical and restrictions on use

Recommended Use industrial paint.
Uses advised against Consumer use, For professional use only. Not for residential use.

Details of the supplier of the safety data sheet

Manufacturer Address
Tnemec Company, Inc. 6800 Corporate Drive, Kansas City, MO 64120-1372

Emergency telephone number

Company Phone Number Tnemec Regulatory Dept: 816-474-3400
24 Hour Emergency Phone Number 800-535-5053 (Infotrac)

2. HAZARDS IDENTIFICATION

Classification

OSHA Regulatory Status

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

| | |
|--|---------------------------|
| Acute toxicity - Oral | Category 4 |
| Skin corrosion/irritation | Category 1 Sub-category A |
| Serious eye damage/eye irritation | Category 1 |
| Skin sensitization | Category 1A |
| Reproductive Toxicity | Category 2 |
| Specific target organ toxicity (repeated exposure) | Category 1 |

Label elements

EMERGENCY OVERVIEW

Danger

Hazard statements

Harmful if swallowed
Causes severe skin burns and eye damage
May cause an allergic skin reaction
Suspected of damaging fertility or the unborn child
Causes damage to organs through prolonged or repeated exposure

**Appearance** clear**Physical state** liquid**Odor** amine**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
 Wash face, hands and any exposed skin thoroughly after handling
 Do not eat, drink or smoke when using this product
 Do not breathe dust/fume/gas/mist/vapors/spray
 Contaminated work clothing should not be allowed out of the workplace
 Wear protective gloves

Response

Immediately call a POISON CENTER or doctor/physician
 Get medical advice/attention if you feel unwell
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
 Immediately call a POISON CENTER or doctor/physician
 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
 Wash contaminated clothing before reuse
 If skin irritation or rash occurs: Get medical advice/attention
 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
 Immediately call a POISON CENTER or doctor/physician
 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell
 Rinse mouth
 Do NOT induce vomiting

Storage

Store locked up
 Keep away from children

Disposal

Dispose of contents/container to an approved waste disposal plant

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

Toxic to aquatic life with long lasting effects

SEE SAFETY DATA SHEET

Acute Toxicity

9.84658 % of the mixture consists of ingredient(s) of unknown toxicity.

3. COMPOSITION/INFORMATION ON INGREDIENTS

| Component | CAS-No | Weight-% |
|--------------------------------|------------|----------|
| POLYOXYPROPYLENETRIAMINE | 39423-51-3 | 30 - 60% |
| BENZYL ALCOHOL | 100-51-6 | 10 - 30% |
| CYCLOALIPHATIC AMINE | 1761-71-3 | 10 - 30% |
| MODIFIED CYCLOALIPHATIC POLYAM | - | 1 - 10% |
| NONYLPHENOL | 84852-15-3 | 1 - 10% |
| CYCLOHEXANAMINE | 1761-71-3 | 1 - 10% |

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

4. FIRST AID MEASURES

Description of first aid measures

| | |
|---|--|
| General advice | If symptoms persist, call a physician. |
| Eye contact | Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persist, call a physician. |
| Skin contact | Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. If symptoms persist, call a physician. |
| Inhalation | Remove to fresh air. Oxygen or artificial respiration if needed. |
| Ingestion | If swallowed, do not induce vomiting. Get medical attention immediately. |
| Self-protection of the first aider | Use personal protective equipment. Avoid contact with eyes, skin and clothing. |

Most important symptoms and effects, both acute and delayed

Notes to physician Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

alcohol-resistant foam. Carbon dioxide (CO₂). Dry chemical. Dry powder.

Unsuitable extinguishing media No information available.

Specific hazards arising from the chemical

Thermal decomposition can lead to release of irritating gases and vapours In the event of fire and/or explosion do not breathe fumes

Hazardous combustion products Hazardous combustion products may include: A complex mixture of airborne solid and liquid particulates and gases (smoke). Carbon monoxide. Unidentified organic and inorganic compounds. Carbon dioxide (CO₂). Hydrocarbons. Ammonia. Nitrogen oxides (NO_x).

Protective equipment and precautions for firefighters

Use water spray to cool unopened containers. In the event of fire, wear self-contained breathing apparatus. Keep away from heat/sparks/open flames/hot surfaces. MAY CAUSE HEAT AND PRESSURE BUILD-UP IN CLOSED CONTAINERS.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions Avoid contact with eyes, skin and clothing. Use personal protective equipment. Remove all sources of ignition.

Environmental Precautions

Environmental precautions Prevent further leakage or spillage if safe to do so. Do not flush into surface water or sanitary sewer system.

Methods and material for containment and cleaning up

| | |
|--------------------------------|--|
| Methods for containment | Remove all sources of ignition. Spills may be collected with inert, absorbent material for proper disposal. Use non-sparking tools, protective gloves, goggles and clothing, adequate ventilation, avoid the breathing of vapors and use respiratory protective devices. Transfer absorbent material to suitable containers for proper disposal. |
| Methods for cleaning up | If spilled, contain spilled material and remove with inert absorbent. Dispose of contaminated absorbent, container and unused contents in accordance with local, state and federal regulations. |

7. HANDLING AND STORAGE

Precautions for safe handling

| | |
|-----------------|---|
| Handling | Close container after each use. Avoid contact with eyes, skin and clothing. Do not eat, drink or smoke when using this product. If splashes are likely to occur, wear goggles. Wear protective gloves/clothing. Do not burn, or use a cutting torch on, the empty drum. When used in a mixture, read the labels and safety data sheets of all components. Wash thoroughly after handling. |
|-----------------|---|

Conditions for safe storage, including any incompatibilities

| | |
|------------------------------|--|
| Storage | Keep container tightly closed in a dry and well-ventilated place. Keep out of the reach of children. |
| Incompatible products | Incompatible with oxidizing agents. Acids. sodium hypochlorite. copper. Peroxides. |

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure guidelines Appropriate engineering controls

| | |
|-----------------------------|---|
| Engineering measures | Sufficient ventilation, in volume and pattern, should be provided through both local and general exhaust to keep the air contaminant concentration below current applicable OSHA Permissible Exposure Limits (PEL) and ACGIH's Threshold Limit Values (TLV). Appropriate ventilation should be employed to remove hazardous decomposition products formed during welding or flame cutting operations of surfaces coated with this product. |
|-----------------------------|---|

Individual protection measures, such as personal protective equipment

| | |
|---------------------------------------|--|
| Eye/face protection | Use chemical resistant splash type goggles. If splashes are likely to occur, wear face-shield. |
| Skin and body protection | Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact. |
| Respiratory protection | Use only with adequate ventilation. Do not breathe vapors, spray mist, or dust. Ensure fresh air entry during application and drying. If you experience eye watering, headache or dizziness or if air monitoring demonstrates vapor/mist or dust levels are above applicable limits, wear an appropriate, properly fitted respirator (NIOSH/MSHA approved) during and after application. Follow respirator manufacturer's directions for respirator use. |
| General hygiene considerations | Handle in accordance with good industrial hygiene and safety practice. Avoid breathing dust created by cutting, sanding, or grinding. |

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

| | |
|-----------------------|--------|
| Physical state | liquid |
|-----------------------|--------|

| | | | |
|--|--------------------------|--------------------------|--------------------------|
| Appearance | clear | Odor | amine |
| Color | No information available | Odor threshold | No information available |
| Property | Values | Remarks | |
| pH | | No data available | |
| Melting point / freezing point | | No data available | |
| Boiling point / boiling range | 72 °C / 162 °F | | |
| Flash point | No information available | | |
| Evaporation rate | | No data available | |
| Flammability (solid, gas) | | No information available | |
| Flammability Limit in Air | | No data available | |
| Upper flammability limit | N/A | | |
| Lower flammability limit | N/A | | |
| Vapor pressure | | No data available | |
| Vapor density | | No data available | |
| Specific gravity | .98902 | g/cm3 | |
| Water solubility | Insoluble in cold water | | |
| Solubility in other solvents | | No data available | |
| Partition coefficient: n-octanol/water | | No data available | |
| Autoignition temperature | | No data available | |
| Decomposition temperature | | No data available | |
| Kinematic viscosity | | No data available | |
| Dynamic viscosity | 150 centipoises | | |
| Other Information | | | |
| Density | 8.23011 lbs/gal | | |
| Volatile organic compounds (VOC) content | .202 lbs/gal | | |
| Total volatiles weight percent | 2.4470 % | | |
| Total volatiles volume percent | 2.3145 % | | |

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

Heat, flames and sparks.

Incompatible materials

Incompatible with oxidizing agents, Acids, sodium hypochlorite, copper, Peroxides

Hazardous decomposition products

Hazardous combustion products may include: A complex mixture of airborne solid and liquid particulates and gases (smoke). Carbon monoxide. Unidentified organic and inorganic compounds. Carbon dioxide (CO₂). Nitrogen oxides (NO_x). Ammonia.

11. TOXICOLOGICAL INFORMATION

Information on Likely Routes of Exposure

Inhalation

May cause central nervous system depression with nausea, headache, dizziness, vomiting, and incoordination.

Eye contact

Corrosive to the eyes and may cause severe damage including blindness.

Skin contact Contact causes severe skin irritation and possible burns.

Ingestion Harmful if swallowed.

| Component | LD50 Oral | LD50 Dermal | LC50 Inhalation |
|-----------------------------------|----------------------|-------------------------|------------------------|
| BENZYL ALCOHOL 100-51-6 | = 1230 mg/kg (Rat) | = 2 g/kg (Rabbit) | = 8.8 mg/L (Rat) 4 h |
| CYCLOALIPHATIC AMINE 1761-71-3 | = 1000 mg/kg (Rat) | | |
| NONYLPHENOL 84852-15-3 | = 580 mg/kg (Rat) | = 2031 mg/kg (Rabbit) | |
| CYCLOHEXANAMINE 1761-71-3 | = 1000 mg/kg (Rat) | | |

Information on toxicological effects

Symptoms Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting. Skin disorders.

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

Chronic Toxicity NOTICE: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

Sensitization May cause sensitization of susceptible persons.

Mutagenicity No information available.

Carcinogenicity There are no known carcinogenic chemicals in this product.

Reproductive effects Suspected of damaging fertility or the unborn child.

STOT - single exposure No information available

STOT - repeated exposure Causes damage to organs through prolonged or repeated exposure

Target organ effects Skin, Eyes, respiratory system, Central nervous system, Reproductive System, liver.

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.

Acute Toxicity 9.84658 % of the mixture consists of ingredient(s) of unknown toxicity. mg/kg mg/l

12. ECOLOGICAL INFORMATION

Ecotoxicity

Very toxic to aquatic life with long lasting effects

9.84658 % of the mixture consists of component(s) of unknown hazards to the aquatic environment

| Component | Toxicity to algae | Toxicity to fish | Toxicity to daphnia |
|-----------------------------------|--|---|---|
| BENZYL ALCOHOL 100-51-6 | 35: 3 h <i>Anabaena variabilis</i> mg/L EC50 | 10: 96 h <i>Lepomis macrochirus</i> mg/L LC50 static 460: 96 h <i>Pimephales promelas</i> mg/L LC50 static | 23: 48 h water flea mg/L EC50 |
| CYCLOALIPHATIC AMINE 1761-71-3 | | 46 - 100: 96 h <i>Leuciscus idus</i> mg/L LC50 static | |
| NONYLPHENOL 84852-15-3 | 0.36 - 0.48: 96 h <i>Pseudokirchneriella subcapitata</i> mg/L EC50 static 1.3: 72 h <i>Desmodesmus subspicatus</i> mg/L EC50 0.16 - 0.72: 72 h <i>Pseudokirchneriella subcapitata</i> mg/L EC50 static | 0.135: 96 h <i>Pimephales promelas</i> mg/L LC50 flow-through 0.1351: 96 h <i>Lepomis macrochirus</i> mg/L LC50 flow-through | 0.14: 48 h <i>Daphnia magna</i> mg/L EC50 |
| CYCLOHEXANAMINE 1761-71-3 | | 46 - 100: 96 h <i>Leuciscus idus</i> mg/L LC50 static | |

Persistence and degradability

No information available.

Bioaccumulation

No information available.

Mobility in Environmental Media

| Component | log Pow |
|-----------------------------------|---------|
| BENZYL ALCOHOL 100-51-6 | 1.1 |
| CYCLOALIPHATIC AMINE 1761-71-3 | 2.03 |
| NONYLPHENOL 84852-15-3 | 5.4 |
| CYCLOHEXANAMINE 1761-71-3 | 2.03 |

Other Adverse Effects

No information available

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal Methods

Keep container tightly closed. If spilled, contain spilled material and remove with inert absorbent. Dispose of contaminated absorbent, container and unused contents in accordance with local, state and federal regulations.

Contaminated packaging

Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. TRANSPORT INFORMATION

DOT

UN/ID no. 3066
 Proper Shipping Name paint
 Hazard Class 8
 Packing Group III
 Emergency Response Guide Number 153

IATA

UN/ID no. 3066
 Proper Shipping Name paint
 Hazard Class 8
 Packing Group III
 ERG Code 856

Additional information

Call TNEMEC Traffic Department - 816-474-3400 for additional information or other modes of Transportation.

15. REGULATORY INFORMATION

International Inventories

TSCA Complies
 DSL/NDSL Does not comply
 EINECS/ELINCS Complies
 ENCS Does not comply
 IECSC Complies
 KECL Does not comply
 PICCS Does not comply

AICS Does not comply

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 Commercial Chemical Substances/EU 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

United States of America**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 and Title 40n of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazardous**Categorization**

| | |
|-----------------------------------|-----|
| Acute Health Hazard | Yes |
| Chronic Health Hazard | Yes |
| Fire Hazard | No |
| Sudden Release of Pressure Hazard | No |
| Reactive Hazard | No |

CERCLA**United States of America****California Prop. 65**

This product does not contain any Proposition 65 chemicals

California SCAQMD Rule 443

Contains Photochemically Reactive Solvent

State Right-to-Know

| Component | New Jersey | Massachusetts | Pennsylvania |
|----------------------------|------------|---------------|--------------|
| BENZYL ALCOHOL 100-51-6 | | X | X |

16. OTHER INFORMATION

| | | | | |
|---|-----------|----------------|---------------|-------------------|
| NFPA | Health 3 | Flammability 1 | Instability 1 | Physical hazard * |
| HMIS (Hazardous Material Information System) | Health 3* | Flammability 1 | Reactivity 1 | |

Prepared By
Revision Date

Tnemec Regulatory Dept: 816-474-3400
27-Jan-2015

Revision Summary
9 4 5 7 10 8 11 14 15

Disclaimer

For specific information regarding occupational safety and health standards, please refer to the Code of Federal Regulations, Title 29, Part 1910.

To the best of our knowledge, the information contained herein is accurate. However, neither the Tnemec Company or any of its subsidiaries assume any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown health hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist.

End of MSDS



Safety Data Sheet

Issue Date 03-Aug-2015

Revision Date 03-Aug-2015

Revision Number 3

1. IDENTIFICATION

Product identifier

Product Code S222-Q212C
Product Name DECO-TREAD CUSTOMQUARTZ

Other means of identification

Common Name SERIES 222 PART C

Recommended use of the chemical and restrictions on use

Recommended Use industrial paint.
Uses advised against Consumer use, For professional use only. Not for residential use.

Details of the supplier of the safety data sheet

Manufacturer Address

Tnemec Company, Inc. 6800 Corporate Drive, Kansas City, MO
64120-1372

Distributor

Tnemec Company, Inc. 86 Boul, des Entreprises, Ste. 203
Boisbriand, Quebec Canada J7G 2T3

Emergency telephone number

Company Phone Number Tnemec Regulatory Dept: 816-474-3400
24 Hour Emergency Phone Number 800-535-5053 (Infotrac)

2. HAZARDS IDENTIFICATION

Classification

OSHA Regulatory Status

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

| | |
|--|-------------|
| Acute toxicity - Oral | Category 4 |
| Acute toxicity - Inhalation (Dusts/Mists) | Category 4 |
| Carcinogenicity | Category 1A |
| Specific target organ toxicity (repeated exposure) | Category 1 |

Label elements

EMERGENCY OVERVIEW

Danger

Hazard statements

Harmful if swallowed
Harmful if inhaled
May cause cancer
Causes damage to organs through prolonged or repeated exposure



Appearance opaque

Physical state powder

Odor odorless

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
 Wash face, hands and any exposed skin thoroughly after handling
 Do not eat, drink or smoke when using this product
 Use only outdoors or in a well-ventilated area
 Do not breathe dust/fume/gas/mist/vapors/spray

Response

IF exposed or concerned: Get medical advice/attention
 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell
 Rinse mouth

Storage

Store locked up
 Keep away from children

Disposal

Dispose of contents/container to an approved waste disposal plant

Hazards not otherwise classified (HNOC)

Other information

May be harmful in contact with skin
 Cancer hazard. Contains crystalline silica which can cause cancer. (Risk of cancer depends on duration and level of exposure).
 SEE SAFETY DATA SHEET
 Respirable crystalline silica (quartz) can cause silicosis, a fibrosis (scarring) of the lungs
 Acute Toxicity 0 % of the mixture consists of ingredient(s) of unknown toxicity.

3. COMPOSITION/INFORMATION ON INGREDIENTS

| Component | CAS-No | Weight-% |
|-------------------------------|------------|-----------|
| CRYSTALLINE SILICA (QUARTZ) | 14808-60-7 | 60 - 100% |
| TITANIUM DIOXIDE (TOTAL DUST) | 13463-67-7 | 0.1 - 1% |
| TITANIUM DIOXIDE (TOTAL DUST) | 13463-67-7 | 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

General advice If symptoms persist, call a physician.

Eye contact Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persist, call a physician.

| | |
|---|--|
| Skin contact | Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. If symptoms persist, call a physician. |
| Inhalation | If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately. |
| Ingestion | If swallowed, do not induce vomiting. Get medical attention immediately. |
| Self-protection of the first aider | Use personal protective equipment. Avoid contact with eyes, skin and clothing. |
| <u>Most important symptoms and effects, both acute and delayed</u> | |
| Notes to physician | 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 No information available.

Specific hazards arising from the chemical

Thermal decomposition can lead to release of irritating gases and vapours In the event of fire and/or explosion do not breathe fumes

Hazardous combustion products Hazardous combustion products may include: A complex mixture of airborne solid and liquid particulates and gases (smoke). Carbon monoxide. Unidentified organic and inorganic compounds.

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.

Environmental Precautions

Environmental precautions Prevent further leakage or spillage if safe to do so. Prevent product from entering drains.

Methods and material for containment and cleaning up

Methods for containment Remove all sources of ignition. Spills may be collected with inert, absorbent material for proper disposal. Use non-sparking tools, protective gloves, goggles and clothing, adequate ventilation, avoid the breathing of vapors and use respiratory protective devices. Transfer absorbent material to suitable containers for proper disposal.

Methods for cleaning up Shovel or sweep up.

7. HANDLING AND STORAGE

Precautions for safe handling

Handling Wear personal protective equipment. Avoid contact with eyes, skin and clothing. Handle in accordance with good industrial hygiene and safety practice. Do not ingest. Ensure adequate ventilation. Keep away from heat, sparks and open flame. - No smoking. Do not eat, drink or smoke when using this product. Wash thoroughly after handling.

Conditions for safe storage, including any incompatibilities

| | |
|------------------------------|--|
| Storage | Keep container tightly closed in a dry and well-ventilated place. Keep out of the reach of children. |
| Incompatible products | Hydrofluoric acid. |

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Control parameters****Exposure guidelines**

| Component | ACGIH TLV | OSHA PEL | NIOSH IDLH |
|---|------------------------------|--|------------------------|
| CRYSTALLINE SILICA (QUARTZ) 14808-60-7 | TWA: 0.025 mg/m ³ | TWA: 0.1 mg/m ³ | 50 mg/m ³ |
| TITANIUM DIOXIDE (TOTAL DUST) 13463-67-7 | TWA: 10 mg/m ³ | TWA: 10 mg/m ³ TWA: 15 mg/m ³ | 5000 mg/m ³ |
| TITANIUM DIOXIDE (TOTAL DUST) 13463-67-7 | TWA: 10 mg/m ³ | TWA: 10 mg/m ³ TWA: 15 mg/m ³ | 5000 mg/m ³ |

NIOSH IDLH: *Immediately Dangerous to Life or Health*

Appropriate engineering controls

| | |
|-----------------------------|---|
| Engineering measures | Sufficient ventilation, in volume and pattern, should be provided through both local and general exhaust to keep the air contaminant concentration below current applicable OSHA Permissible Exposure Limits (PEL) and ACGIH's Threshold Limit Values (TLV). Appropriate ventilation should be employed to remove hazardous decomposition products formed during welding or flame cutting operations of surfaces coated with this product. |
|-----------------------------|---|

Individual protection measures, such as personal protective equipment

| | |
|---------------------------------------|--|
| Eye/face protection | Tightly fitting safety goggles |
| Skin and body protection | Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact. |
| Respiratory protection | Use only with adequate ventilation. Do not breathe vapors, spray mist, or dust. Ensure fresh air entry during application and drying. If you experience eye watering, headache or dizziness or if air monitoring demonstrates vapor/mist or dust levels are above applicable limits, wear an appropriate, properly fitted respirator (NIOSH/MSHA approved) during and after application. Follow respirator manufacturer's directions for respirator use. |
| General hygiene considerations | Handle in accordance with good industrial hygiene and safety practice. Avoid breathing dust created by cutting, sanding, or grinding. |

9. PHYSICAL AND CHEMICAL PROPERTIES**Information on basic physical and chemical properties**

| | | | |
|--------------------------------|--------------------------|--------------------------|--------------------------|
| Physical state | powder | Odor | odorless |
| Appearance | opaque | Odor threshold | No information available |
| Color | No information available | | |
| Property | Values | Remarks | |
| pH | | No data available | |
| Melting point / freezing point | | No data available | |
| Boiling point / boiling range | | No information available | |
| Flash point | No information available | | |
| Evaporation rate | | No data available | |
| Flammability (solid, gas) | | No information available | |

| | | |
|---|-------------------------|-------------------|
| Flammability Limit in Air | | No data available |
| Upper flammability limit | N/A | |
| Lower flammability limit | N/A | |
| Vapor pressure | | No data available |
| Vapor density | | No data available |
| Specific gravity | 2.65219 | g/cm ³ |
| Water solubility | Insoluble in cold water | |
| Solubility in other solvents | | No data available |
| Partition coefficient: n-octanol/water | | No data available |
| Autoignition temperature | | No data available |
| Decomposition temperature | | No data available |
| Kinematic viscosity | | No data available |
| Dynamic viscosity | | No data available |

Other Information

| | |
|---|------------------|
| Density | 22.07018 lbs/gal |
| Volatile organic compounds (VOC) content | .000 lbs/gal |
| Total volatiles weight percent | .0000 % |
| Total volatiles volume percent | .0000 % |

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

Heat, flames and sparks.

Incompatible materials

Hydrofluoric acid

Hazardous decomposition products

Hazardous combustion products may include: A complex mixture of airborne solid and liquid particulates and gases (smoke). Carbon monoxide. Unidentified organic and inorganic compounds. Carbon dioxide. Hydrocarbons.

11. TOXICOLOGICAL INFORMATION

Information on Likely Routes of Exposure

| | |
|---------------------|---|
| Inhalation | May cause central nervous system depression with nausea, headache, dizziness, vomiting, and incoordination. |
| Eye contact | Irritating to eyes. |
| Skin contact | Irritating to skin. |
| Ingestion | Harmful if swallowed. |

| Component | LD50 Oral | LD50 Dermal | LC50 Inhalation |
|---|-----------------------|-------------|-----------------|
| CRYSTALLINE SILICA (QUARTZ) 14808-60-7 | = 500 mg/kg (Rat) | | |
| TITANIUM DIOXIDE (TOTAL DUST) 13463-67-7 | > 10000 mg/kg (Rat) | | |

| | | | |
|---|-----------------------|--|--|
| TITANIUM DIOXIDE (TOTAL DUST) 13463-67-7 | > 10000 mg/kg (Rat) | | |
|---|-----------------------|--|--|

Information on toxicological effects

Symptoms Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting. Skin disorders.

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

Chronic Toxicity Cancer hazard. Contains crystalline silica which can cause cancer. (Risk of cancer depends on duration and level of exposure).

Sensitization No information available.

Mutagenicity No information available.

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

| Component | ACGIH | IARC | NTP | OSHA |
|---|-------|----------|-------|------|
| CRYSTALLINE SILICA (QUARTZ) 14808-60-7 | A2 | Group 1 | Known | X |
| TITANIUM DIOXIDE (TOTAL DUST) 13463-67-7 | | Group 2B | | X |
| TITANIUM DIOXIDE (TOTAL DUST) 13463-67-7 | | Group 2B | | X |

Reproductive effects No information available.

STOT - single exposure No information available

STOT - repeated exposure Causes damage to organs through prolonged or repeated exposure

Target organ effects Eyes, respiratory system.

Aspiration hazard No information available.

Acute Toxicity 0 % of the mixture consists of ingredient(s) of unknown toxicity.

12. ECOLOGICAL INFORMATION

Ecotoxicity

0 % of the mixture consists of components(s) of unknown hazards to the aquatic environment

Persistence and degradability

No information available.

Bioaccumulation

No information available.

Mobility in Environmental Media**Other Adverse Effects**

No information available

13. DISPOSAL CONSIDERATIONS

Waste treatment methods**Disposal Methods**

Keep container tightly closed. If spilled, contain spilled material and remove with inert absorbent. Dispose of contaminated absorbent, container and unused contents in accordance with local, state and federal regulations.

Contaminated packaging

Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. TRANSPORT INFORMATION

DOT

Proper Shipping Name SILICA, N.O.I.-20-P.C.F., GREATER (ITEM 176370, SUB 3)

IATA

Proper Shipping Name Not regulated

Additional information

Call TNE MEC Traffic Department - 816-474-3400 for additional information or other modes of Transportation.

15. REGULATORY INFORMATION

International Inventories

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

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 Commercial Chemical Substances/EU 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

United States of America**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 40n of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazardous**Categorization**

| | |
|--|-----|
| Acute Health Hazard | Yes |
| Chronic Health Hazard | Yes |
| Fire Hazard | No |
| Sudden Release of Pressure Hazard | No |
| Reactive Hazard | No |

CERCLA**United States of America****California Prop. 65**

WARNING! This product contains a chemical known in the State of California to cause cancer

| Component | California Prop. 65 |
|--|---------------------|
| CRYSTALLINE SILICA (QUARTZ) - 14808-60-7 | Carcinogen |
| TITANIUM DIOXIDE (TOTAL DUST) - 13463-67-7 | Carcinogen |

| | |
|--|------------|
| TITANIUM DIOXIDE (TOTAL DUST) - 13463-67-7 | Carcinogen |
|--|------------|

California SCAQMD Rule 443

Does Not Contain Photochemically Reactive Solvent

State Right-to-Know

| Component | New Jersey | Massachusetts | Pennsylvania |
|--|------------|---------------|--------------|
| CRYSTALLINE SILICA (QUARTZ) 14808-60-7 | X | X | X |
| TITANIUM DIOXIDE (TOTAL DUST) 13463-67-7 | X | X | X |
| TITANIUM DIOXIDE (TOTAL DUST) 13463-67-7 | X | X | X |

16. OTHER INFORMATION

| | | | | |
|---|-----------|----------------|---------------|-------------------|
| NFPA | Health 1 | Flammability 0 | Instability 0 | Physical hazard * |
| HMIS (Hazardous Material Information System) | Health 1* | Flammability 0 | Reactivity 0 | |

Prepared By

Revision Date

Revision Summary

9 5 6 7 10 11 14 15

Disclaimer

For specific information regarding occupational safety and health standards, please refer to the Code of Federal Regulations, Title 29, Part 1910.

To the best of our knowledge, the information contained herein is accurate. However, neither the Tnemec Company or any of its subsidiaries assume any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown health hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist.

End of SDS