

Safety Data Sheet

Issue Date 14-Aug-2018

Revision Date 14-Aug-2018

Revision Number 5

1. IDENTIFICATION

Product identifier

Product Code F020HS-WH12A
Product Name POTA-POX WHITE

Other means of identification

Common Name SERIES FC20HS/20HS, PART A
UN/ID no. 1263
Synonyms None

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 816-474-3400
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)

| | |
|--|-------------|
| Skin corrosion/irritation | Category 2 |
| Serious eye damage/eye irritation | Category 2A |
| Skin sensitization | Category 1 |
| Carcinogenicity | Category 2 |
| Reproductive Toxicity | Category 1B |
| Specific target organ toxicity (single exposure) | Category 3 |
| Specific target organ toxicity (repeated exposure) | Category 1 |
| Flammable Liquids | Category 3 |

Label elements

EMERGENCY OVERVIEW

Danger

Hazard statements

Causes skin irritation
Causes serious eye irritation
May cause an allergic skin reaction
Suspected of causing cancer
May damage fertility or the unborn child
May cause respiratory irritation. May cause drowsiness or dizziness
Causes damage to organs through prolonged or repeated exposure

Flammable liquid and vapor

**Appearance** opaque**Physical state** liquid**Odor** aromatic**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
 Contaminated work clothing should not be allowed out of the workplace
 Wear protective gloves
 Use only outdoors or in a well-ventilated area
 Do not breathe dust/fume/gas/mist/vapors/spray
 Do not eat, drink or smoke when using this product
 Keep away from heat/sparks/open flames/hot surfaces. — No smoking
 Keep container tightly closed
 Ground/bond container and receiving equipment
 Use only non-sparking tools
 Take precautionary measures against static discharge
 Keep cool
 Use explosion-proof electrical/ventilating/lighting/equipment

Response

IF exposed or concerned: Get medical advice/attention
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
 If eye irritation persists: Get medical advice/attention
 If skin irritation or rash occurs: Get medical advice/attention
 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
 Wash contaminated clothing before reuse
 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
 In case of fire: Use CO₂, dry chemical, or foam for extinction

Storage

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

29.2823489 % of the mixture consists of ingredient(s) of unknown toxicity.

3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical name | CAS No | Weight-% |
|-------------------------------|------------|-----------|
| TITANIUM DIOXIDE (TOTAL DUST) | 13463-67-7 | 10 - <30% |

| | | |
|------------------------|------------|-----------|
| TALC (RESPIRABLE DUST) | 14807-96-6 | 10 - <30% |
| EPOXY RESIN (LER) | 25085-99-8 | 10 - <30% |
| METHYL ISOBUTYL KETONE | 108-10-1 | 1 - <10% |
| XYLENE | 1330-20-7 | 1 - <10% |
| AMORPHOUS SILICA | 7631-86-9 | 1 - <10% |
| ETHYL BENZENE | 100-41-4 | 0.1 - <1% |
| BENZENE, 1,4-DIMETHYL | 106-42-3 | 0.1 - <1% |
| BENZENE, 1,3-DIMETHYL | 108-38-3 | 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 | Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing 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. Call a physician immediately. |
| 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. Rinse mouth. Call a physician or poison control center immediately. Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. |
| 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

Carbon dioxide. Foam. Dry chemical.

Unsuitable extinguishing media Do not use a solid water stream as it may scatter and spread fire.

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. Aldehydes. Carbon oxides. Hydrocarbons. Oxides of nitrogen.

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. Remove all sources of ignition. Use personal protective

equipment. Avoid contact with eyes, skin and clothing.

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 Handle in accordance with good industrial hygiene and safety practice. Wear personal protective equipment. Remove and wash contaminated clothing before re-use. Avoid contact with eyes, skin and clothing. Keep away from open flames, hot surfaces and sources of ignition. Take precautionary measures against static discharges. Do not breathe vapours or spray mist. Ensure adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment. Do not ingest. 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 Acids. Bases. Amines. Strong oxidizing agents. Metals.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure guidelines

| Chemical name | ACGIH TLV | OSHA PEL | NIOSH IDLH |
|---|-------------------------------|--|------------------------|
| 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 |
| TALC (RESPIRABLE DUST) 14807-96-6 | TWA: 2 mg/m ³ | TWA: 2 mg/m ³ | 1000 mg/m ³ |
| METHYL ISOBUTYL KETONE 108-10-1 | TWA: 20 ppm STEL: 75 ppm | TWA: 50 ppm TWA: 205 mg/m ³ STEL: 75 ppm STEL: 300 mg/m ³ TWA: 100 ppm TWA: 410 mg/m ³ | 500 ppm |
| XYLENE 1330-20-7 | TWA: 100 ppm STEL: 150 ppm | TWA: 100 ppm TWA: 435 mg/m ³ STEL: 150 ppm STEL: 655 mg/m ³ | |
| AMORPHOUS SILICA 7631-86-9 | - | TWA: 6 mg/m ³ | 3000 mg/m ³ |
| ETHYL BENZENE 100-41-4 | TWA: 20 ppm | TWA: 100 ppm TWA: 435 mg/m ³ | 800 ppm |

| | | | |
|-----------------------------------|-------------------------------|--|---------|
| | | STEL: 125 ppm STEL: 545 mg/m ³ | |
| BENZENE, 1,4-DIMETHYL 106-42-3 | TWA: 100 ppm STEL: 150 ppm | - | 900 ppm |
| BENZENE, 1,3-DIMETHYL 108-38-3 | TWA: 100 ppm STEL: 150 ppm | - | 900 ppm |

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 | aromatic |
| Appearance | opaque | Odor threshold | |
| Color | No information available | | |
| Property | Values | Remarks | |
| pH | | | |
| Melting point / freezing point | No data available | | |
| Boiling point / boiling range | 116 °C / 241.0 °F | | |
| Flash point | 32 °C / 90 °F | Pensky Martens - Closed Cup | |
| Evaporation rate | | | |
| Flammability (solid, gas) | No data available | | |
| Flammability Limit in Air | | | |
| Upper flammability limit | N/A | | |
| Lower flammability limit | 1.0 | | |
| Vapor pressure | | | |
| Vapor density | | | |
| Specific gravity | 1.55106 | g/cm ³ | |
| Water solubility | Insoluble in cold water | | |
| Solubility in other solvents | | | |
| Partition coefficient: n-octanol/water | | | |
| Autoignition temperature | No data available | | |
| Decomposition temperature | | | |
| Kinematic viscosity | | | |
| Dynamic viscosity | 13700 centipoises | approx | |

Other Information

| | |
|--|--------------------------|
| Density | 12.93581 lbs/gal |
| Volatile organic compounds (VOC) content | 1.63509 lbs/gal |
| Total volatiles weight percent | 12.64 % |
| Total volatiles volume percent | 23.67 % |
| Bulk density | No information available |

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. Amines. Epoxy constituents.

Incompatible materials

Acids, Bases, Amines, Strong oxidizing agents, Metals

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. Oxides of nitrogen. Aldehydes. Carbon oxides. Hydrocarbons.

11. TOXICOLOGICAL INFORMATION

Information on Likely Routes of Exposure

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

| Chemical name | LD50 Oral | LD50 Dermal | LC50 Inhalation |
|---|-----------------------|--|---|
| TITANIUM DIOXIDE (TOTAL DUST) 13463-67-7 | > 10000 mg/kg (Rat) | - | - |
| METHYL ISOBUTYL KETONE 108-10-1 | = 2080 mg/kg (Rat) | = 3000 mg/kg (Rabbit) | = 8.2 mg/L (Rat) 4 h |
| XYLENE 1330-20-7 | = 3500 mg/kg (Rat) | > 1700 mg/kg (Rabbit) > 4350 mg/kg (Rabbit) | = 29.08 mg/L (Rat) 4 h = 5000 ppm (Rat) 4 h |
| AMORPHOUS SILICA 7631-86-9 | = 7900 mg/kg (Rat) | > 2000 mg/kg (Rabbit) | > 2.2 mg/L (Rat) 1 h |
| ETHYL BENZENE 100-41-4 | = 3500 mg/kg (Rat) | = 15400 mg/kg (Rabbit) | = 17.4 mg/L (Rat) 4 h |
| BENZENE, 1,4-DIMETHYL 106-42-3 | = 4029 mg/kg (Rat) | - | = 4550 ppm (Rat) 4 h = 4740 ppm (Rat) 4 h |
| BENZENE, 1,3-DIMETHYL 108-38-3 | = 5 g/kg (Rat) | = 12.18 g/kg (Rabbit) = 14100 µL/kg (Rabbit) | = 5984 ppm (Rat) 6 h |

Information on toxicological effects

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

Skin disorders. Irritating to eyes and skin.

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. Skin sensitizer. May cause cancer. Substances known to impair fertility.

Sensitization

May cause sensitization of susceptible persons.

Mutagenicity

No information available.

Carcinogenicity

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

| Chemical name | ACGIH | IARC | NTP | OSHA |
|---|-------|---------------------|-------|------|
| TITANIUM DIOXIDE (TOTAL DUST) 13463-67-7 | | Group 2B | - | X |
| TALC (RESPIRABLE DUST) 14807-96-6 | | Group 2B Group 3 | - | |
| METHYL ISOBUTYL KETONE 108-10-1 | A3 | Group 2B | - | X |
| XYLENE 1330-20-7 | | Group 3 | - | |
| AMORPHOUS SILICA 7631-86-9 | | Group 1 Group 3 | Known | |
| ETHYL BENZENE 100-41-4 | A3 | Group 2B | - | X |
| BENZENE, 1,4-DIMETHYL 106-42-3 | | Group 3 | - | |
| BENZENE, 1,3-DIMETHYL 108-38-3 | | Group 3 | - | |

Reproductive effects

Suspected of damaging fertility or the unborn child.

STOT - single exposure

Skin, Eyes, Central Nervous System (CNS)

STOT - repeated exposure

Causes damage to organs through prolonged or repeated exposure

Target organ effects

Central nervous system, Eyes, Skin, liver, blood, heart, kidney, hearing, Gastrointestinal tract, respiratory system, Central Vascular System (CVS), Lungs.

Aspiration hazard

No information available.

Acute Toxicity

29.2823489 % of the mixture consists of ingredient(s) of unknown toxicity.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Toxic to aquatic life with long lasting effects

32.40439 % of the mixture consists of components(s) of unknown hazards to the aquatic environment

| Chemical name | Toxicity to algae | Toxicity to fish | Toxicity to daphnia |
|--------------------------------------|--|---|---|
| TALC (RESPIRABLE DUST) 14807-96-6 | | 100: 96 h Brachydanio rerio g/L LC50 semi-static | |
| EPOXY RESIN (LER) 25085-99-8 | 11 mg/L 72 hr | 2 mg/L 96 hr Oncorhynchus mykiss | 1.8 mg/L 48h |
| METHYL ISOBUTYL KETONE 108-10-1 | 400: 96 h Pseudokirchneriella subcapitata mg/L EC50 | 496 - 514: 96 h Pimephales promelas mg/L LC50 flow-through | 170: 48 h Daphnia magna mg/L EC50 |
| XYLENE 1330-20-7 | | LC50= 13.4 mg/L Pimephales promelas 96 h LC50 2.661 - 4.093 mg/L Oncorhynchus mykiss 96 h LC50 13.5 - 17.3 mg/L Oncorhynchus mykiss 96 h LC50 13.1 - 16.5 mg/L Lepomis macrochirus 96 h LC50= 19 mg/L Lepomis macrochirus 96 h LC50 7.711 - 9.591 mg/L Lepomis macrochirus 96 h LC50 23.53 - 29.97 mg/L Pimephales promelas 96 h LC50= 780 mg/L Cyprinus carpio 96 h LC50> 780 mg/L | EC50 = 3.82 mg/L 48 h LC50 = 0.6 mg/L 48 h |

| | | | |
|-----------------------------------|--|--|--|
| | | Cyprinus carpio 96 h LC50 30.26 - 40.75 mg/L Poecilia reticulata 96 h | |
| AMORPHOUS SILICA 7631-86-9 | 440: 72 h Pseudokirchneriella subcapitata mg/L EC50 | 5000: 96 h Brachydanio rerio mg/L LC50 static | 7600: 48 h Ceriodaphnia dubia mg/L EC50 |
| ETHYL BENZENE 100-41-4 | 4.6: 72 h Pseudokirchneriella subcapitata mg/L EC50 438: 96 h Pseudokirchneriella subcapitata mg/L EC50 2.6 - 11.3: 72 h Pseudokirchneriella subcapitata mg/L EC50 static 1.7 - 7.6: 96 h Pseudokirchneriella subcapitata mg/L EC50 static | 11.0 - 18.0: 96 h Oncorhynchus mykiss mg/L LC50 static 9.1 - 15.6: 96 h Pimephales promelas mg/L LC50 static 32: 96 h Lepomis macrochirus mg/L LC50 static 9.6: 96 h Poecilia reticulata mg/L LC50 static 7.55 - 11: 96 h Pimephales promelas mg/L LC50 flow-through 4.2: 96 h Oncorhynchus mykiss mg/L LC50 semi-static | 1.8 - 2.4: 48 h Daphnia magna mg/L EC50 |
| BENZENE, 1,4-DIMETHYL 106-42-3 | 105.1: 3 h Chlorella vulgaris mg/L EC50 3.2: 72 h Pseudokirchneriella subcapitata mg/L EC50 static | 7.2 - 9.9: 96 h Pimephales promelas mg/L LC50 static 2.6: 96 h Oncorhynchus mykiss mg/L LC50 8.8: 96 h Poecilia reticulata mg/L LC50 semi-static 2.6: 96 h Oncorhynchus mykiss mg/L LC50 static | 3.55 - 6.31: 48 h Daphnia magna mg/L EC50 Static |
| BENZENE, 1,3-DIMETHYL 108-38-3 | 4.9: 72 h Pseudokirchneriella subcapitata mg/L EC50 static | 14.3 - 18: 96 h Pimephales promelas mg/L LC50 flow-through 8.4: 96 h Oncorhynchus mykiss mg/L LC50 semi-static 12.9: 96 h Poecilia reticulata mg/L LC50 semi-static | 2.81 - 5.0: 48 h Daphnia magna mg/L EC50 Static |

Persistence and degradability

No information available.

Bioaccumulation

No information available.

Mobility in Environmental Media

| Chemical name | log Pow |
|------------------------------------|---------|
| EPOXY RESIN (LER) 25085-99-8 | 3 |
| METHYL ISOBUTYL KETONE 108-10-1 | 1.19 |
| XYLENE 1330-20-7 | 2.77 |
| ETHYL BENZENE 100-41-4 | 3.118 |
| BENZENE, 1,4-DIMETHYL 106-42-3 | 3.15 |
| BENZENE, 1,3-DIMETHYL 108-38-3 | 3.2 |

Other Adverse Effects

No information available

13. DISPOSAL CONSIDERATIONS**Waste treatment methods****Disposal Methods**

It must undergo special treatment, e.g. at suitable disposal site, to comply with local regulations.

Contaminated packaging

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

US EPA Waste Number

| Chemical name | RCRA | RCRA - Basis for Listing | RCRA - D Series Wastes | RCRA - U Series Wastes |
|-----------------|------|---------------------------|------------------------|------------------------|
| METHYL ISOBUTYL | | Included in waste stream: | | U161 |

| | | | |
|-----------------------------|------|---|------|
| KETONE 108-10-1 | | F039 | |
| XYLENE 1330-20-7 | | Included in waste stream: F039 | U239 |
| ETHYL BENZENE 100-41-4 | | Included in waste stream: F039 | |
| N-BUTANOL (SKIN) 71-36-3 | | Included in waste stream: F039 | U031 |
| FORMALDEHYDE 50-00-0 | U122 | Included in waste streams: K009, K010, K038, K040, K156, K157 | U122 |

California Hazardous Waste Status

| Chemical name | CAWAST |
|---------------------------|--------------------|
| XYLENE 1330-20-7 | Toxic Ignitable |
| ETHYL BENZENE 100-41-4 | Toxic Ignitable |

14. TRANSPORT INFORMATION

DOT

UN/ID no. 1263
 Proper Shipping Name PAINT
 Hazard Class 3
 Packing Group III
 Emergency Response Guide Number 128

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 Complies
 EINECS/ELINCS Does Not Comply
 ENCS Does Not Comply
 IECSC Does Not Comply
 KECL Complies
 PICCS Complies
 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

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

| | |
|------------------------|-----------|
| Chemical name | HAPS Data |
| METHYL ISOBUTYL KETONE | |
| XYLENE | |
| ETHYL BENZENE | |

BENZENE, 1,4-DIMETHYL
 BENZENE, 1,3-DIMETHYL

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

| Chemical name | SARA 313 - Threshold Values |
|-----------------------------------|-----------------------------|
| METHYL ISOBUTYL KETONE - 108-10-1 | 1.0 |
| XYLENE - 1330-20-7 | 1.0 |
| ETHYL BENZENE - 100-41-4 | 0.1 |
| BENZENE, 1,4-DIMETHYL - 106-42-3 | 1.0 |
| BENZENE, 1,3-DIMETHYL - 108-38-3 | 1.0 |

SARA 311/312 Hazardous**Categorization**

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

Clean Water Act

| Chemical name | CWA - Reportable Quantities | CWA - Toxic Pollutants | CWA - Priority Pollutants | CWA - Hazardous Substances |
|-----------------------------------|-----------------------------|------------------------|---------------------------|----------------------------|
| XYLENE 1330-20-7 | 100 lb | | | X |
| ETHYL BENZENE 100-41-4 | 1000 lb | X | X | X |
| BENZENE, 1,4-DIMETHYL 106-42-3 | | | | X |
| BENZENE, 1,3-DIMETHYL 108-38-3 | | | | X |

CERCLA

| Chemical name | Hazardous Substances RQs | CERCLA EHS RQs | RQ |
|------------------------------------|--------------------------|----------------|--|
| METHYL ISOBUTYL KETONE 108-10-1 | 5000 lb | | RQ 5000 lb final RQ RQ 2270 kg final RQ |
| XYLENE 1330-20-7 | 100 lb | | RQ 100 lb final RQ RQ 45.4 kg final RQ |
| ETHYL BENZENE 100-41-4 | 1000 lb | | RQ 1000 lb final RQ RQ 454 kg final RQ |
| BENZENE, 1,4-DIMETHYL 106-42-3 | 100 lb | | RQ 100 lb final RQ RQ 45.4 kg final RQ |
| BENZENE, 1,3-DIMETHYL 108-38-3 | 1000 lb | | RQ 1000 lb final RQ RQ 454 kg final RQ |

California Prop. 65

WARNING: This product can expose you to the following chemicals which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

| Chemical name | California Prop. 65 |
|--|-----------------------------|
| TITANIUM DIOXIDE (TOTAL DUST) - 13463-67-7 | Carcinogen |
| METHYL ISOBUTYL KETONE - 108-10-1 | Carcinogen Developmental |
| AMORPHOUS SILICA - 7631-86-9 | Carcinogen |
| ETHYL BENZENE - 100-41-4 | Carcinogen |
| BENZENE, 1,3-DIMETHYL - 108-38-3 | * |
| BENZENE, 1,2-DIMETHYL - 95-47-6 | * |
| FORMALDEHYDE - 50-00-0 | Carcinogen |

California SCAQMD Rule 443

Contains Photochemically Reactive Solvent

State Right-to-Know

| Chemical name | New Jersey | Massachusetts | Pennsylvania |
|---|------------|---------------|--------------|
| TITANIUM DIOXIDE (TOTAL DUST) 13463-67-7 | X | X | X |
| TALC (RESPIRABLE DUST) 14807-96-6 | X | X | X |
| METHYL ISOBUTYL KETONE 108-10-1 | X | X | X |
| XYLENE 1330-20-7 | X | X | X |
| AMORPHOUS SILICA 7631-86-9 | | X | X |
| ETHYL BENZENE 100-41-4 | X | X | X |
| BENZENE, 1,4-DIMETHYL 106-42-3 | X | X | X |
| BENZENE, 1,3-DIMETHYL 108-38-3 | X | X | X |

16. OTHER INFORMATION

NFPA Health 2 Flammability 3 Instability 1 Physical hazard *
HMIS (Hazardous Material Information System) Health 2* Flammability 3 Reactivity 0

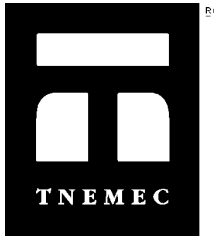
Prepared By Tnemec Regulatory Dept: 816-474-3400
Revision Date 14-Aug-2018
Revision Summary
 9 1 2 4 5 6 7 10 8 11 14 13 15

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 of 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



Safety Data Sheet

Issue Date 09-Apr-2018

Revision Date 11-Aug-2017

Revision Number 7

1. IDENTIFICATION

Product identifier

Product Code F020HS-0020B
Product Name POTA-POX CONVERTER

Other means of identification

Common Name SERIES 20HS, PART B
Synonyms None

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 816-474-3400
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 |
| Skin corrosion/irritation | Category 2 |
| Serious eye damage/eye irritation | Category 1 |
| Carcinogenicity | Category 1A |
| Reproductive Toxicity | Category 2 |
| Specific target organ toxicity (single exposure) | Category 1 |
| Specific target organ toxicity (repeated exposure) | Category 1 |
| Flammable Liquids | Category 3 |

Label elements

EMERGENCY OVERVIEW

Danger

Hazard statements

Causes skin irritation
Causes serious eye damage
May cause cancer
Suspected of damaging fertility or the unborn child
Causes damage to organs
Causes damage to organs through prolonged or repeated exposure
Flammable liquid and vapor

**Appearance** opaque**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
 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
 Keep away from heat/sparks/open flames/hot surfaces. — No smoking
 Keep container tightly closed
 Ground/bond container and receiving equipment
 Use only non-sparking tools
 Take precautionary measures against static discharge
 Use explosion-proof electrical/ventilating/lighting/equipment

Response

IF exposed: Call a POISON CENTER or doctor/physician
 specific treatment
 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 skin irritation occurs: Get medical advice/attention
 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
 Wash contaminated clothing before reuse
 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
 Call a POISON CENTER or doctor/physician if you feel unwell
 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell
 Rinse mouth
 In case of fire: Use CO₂, dry chemical, or foam for extinction

Storage

Store locked up
 Store in a well-ventilated place. Keep cool
 Keep away from children

Disposal

Dispose of contents/container to an approved waste disposal plant

Hazards not otherwise classified (HNOC)

If product is in liquid or paste form, physical or health hazards listed related to dust are not considered significant. However, product may contain substances that could be potential hazards if caused to become airborne due to grinding, sanding or other abrasive processes.

Other information

Toxic to aquatic life with long lasting effects

SEE SAFETY DATA SHEET

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

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

| Chemical name | CAS No | Weight-% |
|-----------------------------|------------|-----------|
| CRYSTALLINE SILICA (QUARTZ) | 14808-60-7 | 60 - 100% |
| XYLENE | 1330-20-7 | 1 - <10% |
| N-BUTANOL (SKIN) | 71-36-3 | 1 - <10% |
| Butanol, 1- | 71-36-3 | 1 - <10% |
| BENZYL ALCOHOL | 100-51-6 | 1 - <10% |
| BENZENE, 1,3-DIMETHYL | 108-38-3 | 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. Call a physician immediately. |
| 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. |

Most important symptoms and effects, both acute and delayed

Notes to physician Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Carbon dioxide. Foam. Dry chemical.

Unsuitable extinguishing media Do not use a solid water stream as it may scatter and spread fire.

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. Aldehydes. Carbon oxides. Hydrocarbons. Oxides of nitrogen.

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 Remove all sources of ignition. Use personal protective equipment. Avoid contact with eyes,

skin and clothing. Evacuate personnel to safe areas.

Environmental Precautions

Environmental precautions Do not flush into surface water or sanitary sewer system. Should not be released into the environment.

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 Wear personal protective equipment. Avoid contact with eyes, skin and clothing. Handle in accordance with good industrial hygiene and safety practice. Keep away from open flames, hot surfaces and sources of ignition. Do not breathe vapours or spray mist. Ensure adequate ventilation. Do not eat, drink or smoke when using this product. Close container after each use.

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 Strong oxidizing agents. Bases. Acids. Alkaline.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure guidelines

| Chemical name | ACGIH TLV | OSHA PEL | NIOSH IDLH |
|---|-------------------------------|---|----------------------|
| CRYSTALLINE SILICA (QUARTZ) 14808-60-7 | TWA: 0.025 mg/m ³ | TWA: 0.1 mg/m ³ TWA: 50 µg/m ³ | 50 mg/m ³ |
| XYLENE 1330-20-7 | TWA: 100 ppm STEL: 150 ppm | TWA: 100 ppm TWA: 435 mg/m ³ STEL: 150 ppm STEL: 655 mg/m ³ | |
| N-BUTANOL (SKIN) 71-36-3 | TWA: 20 ppm | Skin Ceiling: 50 ppm Ceiling: 150 mg/m ³ TWA: 100 ppm TWA: 300 mg/m ³ | 1400 ppm |
| Butanol, 1- 71-36-3 | TWA: 20 ppm | Skin Ceiling: 50 ppm Ceiling: 150 mg/m ³ TWA: 100 ppm TWA: 300 mg/m ³ | 1400 ppm |
| BENZENE, 1,3-DIMETHYL 108-38-3 | TWA: 100 ppm STEL: 150 ppm | - | 900 ppm |

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 | opaque | Odor threshold | No information available |
| Color | No information available | | |
| <u>Property</u> | <u>Values</u> | <u>Remarks</u> | |
| pH | No data available | No data available | |
| Melting point / freezing point | No data available | No data available | |
| Boiling point / boiling range | 116 °C / 241.0 °F | | |
| Flash point | 41 °C / 105 °F | Pensky Martens - Closed Cup | |
| Evaporation rate | | No data available | |
| Flammability (solid, gas) | No data available | No information available | |
| Flammability Limit in Air | | No data available | |
| Upper flammability limit | N/A | | |
| Lower flammability limit | 1.0 | | |
| Vapor pressure | | No data available | |
| Vapor density | | No data available | |
| Specific gravity | 1.56501 | 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 | No data available | |
| Decomposition temperature | | No data available | |
| Kinematic viscosity | | No data available | |
| Dynamic viscosity | 14000 centipoises | approx | |
| <u>Other Information</u> | | | |
| Density | 13.05222 lbs/gal | | |
| Volatile organic compounds (VOC) content | 1.42791 lbs/gal | | |
| Total volatiles weight percent | 10.94 % | | |
| Total volatiles volume percent | 20.33 % | | |
| Bulk density | No information available | | |

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. Epoxy constituents.

Incompatible materials

Strong oxidizing agents, Bases, Acids, Alkaline

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. Oxides of nitrogen. Aldehydes. Carbon oxides. Hydrocarbons.

| |
|--------------------------------------|
| 11. TOXICOLOGICAL INFORMATION |
|--------------------------------------|

Information on Likely Routes of Exposure

| | |
|---------------------|---|
| Inhalation | May cause central nervous system depression with nausea, headache, dizziness, vomiting, and incoordination. IRRITATING TO RESPIRATORY SYSTEM. |
| Eye contact | Causes serious eye damage. |
| Skin contact | Irritating to skin. |
| Ingestion | Harmful if swallowed. |

| Chemical name | LD50 Oral | LD50 Dermal | LC50 Inhalation |
|-----------------------------------|---|--|---|
| XYLENE 1330-20-7 | = 3500 mg/kg (Rat) | > 1700 mg/kg (Rabbit) > 4350 mg/kg (Rabbit) | = 29.08 mg/L (Rat) 4 h = 5000 ppm (Rat) 4 h |
| N-BUTANOL (SKIN) 71-36-3 | = 700 mg/kg (Rat) = 790 mg/kg (Rat) | = 3400 mg/kg (Rabbit) = 3402 mg/kg (Rabbit) | > 8000 ppm (Rat) 4 h |
| Butanol, 1- 71-36-3 | = 700 mg/kg (Rat) = 790 mg/kg (Rat) | = 3400 mg/kg (Rabbit) = 3402 mg/kg (Rabbit) | > 8000 ppm (Rat) 4 h |
| BENZYL ALCOHOL 100-51-6 | = 1230 mg/kg (Rat) | = 2 g/kg (Rabbit) | = 8.8 mg/L (Rat) 4 h |
| BENZENE, 1,3-DIMETHYL 108-38-3 | = 5 g/kg (Rat) | = 12.18 g/kg (Rabbit) = 14100 µL/kg (Rabbit) | - |

Information on toxicological effects

Symptoms Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting. Irritating to eyes and skin.

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

Corrosivity Corrosive to the eyes and may cause severe damage including blindness.
Chronic Toxicity Substances known to impair fertility.
Sensitization No information available.
Mutagenicity No information available.
Carcinogenicity The table below indicates whether each agency has listed any ingredient as a carcinogen.

| Chemical name | ACGIH | IARC | NTP | OSHA |
|---|-------|---------|-------|------|
| CRYSTALLINE SILICA (QUARTZ) 14808-60-7 | A2 | Group 1 | Known | X |
| XYLENE 1330-20-7 | | Group 3 | - | |
| BENZENE, 1,3-DIMETHYL | | Group 3 | - | |

| | | | |
|---|---|--|--|
| 108-38-3 | | | |
| Reproductive effects | Suspected of damaging fertility or the unborn child. | | |
| STOT - single exposure | Eyes, Skin, Central Nervous System (CNS), Respiratory system | | |
| STOT - repeated exposure | No information available | | |
| Target organ effects | Skin, Eyes, blood, kidney, Lungs, Central nervous system, Central Vascular System (CVS), Gastrointestinal tract, liver, respiratory system. | | |
| Aspiration hazard | No information available. | | |
| Acute Toxicity | 0 % of the mixture consists of ingredient(s) of unknown toxicity. | | |
| The following values are calculated based on chapter 3.1 of the GHS document . | | | |

12. ECOLOGICAL INFORMATION

Ecotoxicity

Toxic to aquatic life with long lasting effects

62.48862 % of the mixture consists of components(s) of unknown hazards to the aquatic environment

| Chemical name | Toxicity to algae | Toxicity to fish | Toxicity to daphnia |
|-----------------------------------|---|---|---|
| XYLENE 1330-20-7 | | LC50= 13.4 mg/L Pimephales promelas 96 h LC50 2.661 - 4.093 mg/L Oncorhynchus mykiss 96 h LC50 13.5 - 17.3 mg/L Oncorhynchus mykiss 96 h LC50 13.1 - 16.5 mg/L Lepomis macrochirus 96 h LC50= 19 mg/L Lepomis macrochirus 96 h LC50 7.711 - 9.591 mg/L Lepomis macrochirus 96 h LC50 23.53 - 29.97 mg/L Pimephales promelas 96 h LC50= 780 mg/L Cyprinus carpio 96 h LC50> 780 mg/L Cyprinus carpio 96 h LC50 30.26 - 40.75 mg/L Poecilia reticulata 96 h | EC50 = 3.82 mg/L 48 h LC50 = 0.6 mg/L 48 h |
| N-BUTANOL (SKIN) 71-36-3 | 500: 96 h Desmodesmus subspicatus mg/L EC50 500: 72 h Desmodesmus subspicatus mg/L EC50 | 1910000: 96 h Pimephales promelas µg/L LC50 static 100000 - 500000: 96 h Lepomis macrochirus µg/L LC50 static 1730 - 1910: 96 h Pimephales promelas mg/L LC50 static 1740: 96 h Pimephales promelas mg/L LC50 flow-through | 1983: 48 h Daphnia magna mg/L EC50 1897 - 2072: 48 h Daphnia magna mg/L EC50 Static |
| Butanol, 1- 71-36-3 | 500: 96 h Desmodesmus subspicatus mg/L EC50 500: 72 h Desmodesmus subspicatus mg/L EC50 | 1910000: 96 h Pimephales promelas µg/L LC50 static 100000 - 500000: 96 h Lepomis macrochirus µg/L LC50 static 1730 - 1910: 96 h Pimephales promelas mg/L LC50 static 1740: 96 h Pimephales promelas mg/L LC50 flow-through | 1983: 48 h Daphnia magna mg/L EC50 1897 - 2072: 48 h Daphnia magna mg/L EC50 Static |
| 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 |
| BENZENE, 1,3-DIMETHYL 108-38-3 | 4.9: 72 h Pseudokirchneriella subcapitata mg/L EC50 static | 8.4: 96 h Oncorhynchus mykiss mg/L LC50 semi-static 14.3 - 18: 96 h Pimephales promelas mg/L LC50 flow-through 12.9: 96 h Poecilia reticulata mg/L LC50 semi-static | 2.81 - 5.0: 48 h Daphnia magna mg/L EC50 Static |

Persistence and degradability

No information available.

Bioaccumulation

No information available.

Mobility in Environmental Media

| Chemical name | log Pow |
|---------------|---------|
|---------------|---------|

| | |
|-----------------------------------|-------|
| XYLENE 1330-20-7 | 2.77 |
| N-BUTANOL (SKIN) 71-36-3 | 0.785 |
| Butanol,1- 71-36-3 | 0.785 |
| BENZYL ALCOHOL 100-51-6 | 1.1 |
| BENZENE, 1,3-DIMETHYL 108-38-3 | 3.2 |

Other Adverse Effects No information available

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal Methods It must undergo special treatment, e.g. at suitable disposal site, to comply with local regulations.

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

| Chemical name | RCRA | RCRA - Basis for Listing | RCRA - D Series Wastes | RCRA - U Series Wastes |
|-----------------------------|------|-----------------------------------|------------------------|------------------------|
| XYLENE 1330-20-7 | | Included in waste stream: F039 | | U239 |
| N-BUTANOL (SKIN) 71-36-3 | | Included in waste stream: F039 | | U031 |
| Butanol,1- 71-36-3 | | Included in waste stream: F039 | | U031 |
| ETHYL BENZENE 100-41-4 | | Included in waste stream: F039 | | |

| Chemical name | CAWAST |
|-----------------------------|--------------------|
| XYLENE 1330-20-7 | Toxic Ignitable |
| N-BUTANOL (SKIN) 71-36-3 | Toxic |
| Butanol,1- 71-36-3 | Toxic |

14. TRANSPORT INFORMATION

DOT

Proper Shipping Name paint in oil

UN/ID no. 1263

Proper Shipping Name paint

Hazard Class 3

Packing Group III

ERG Code 366

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 Complies

| | |
|--------------|-----------------|
| ENCS | Complies |
| IECSC | Complies |
| KECL | Complies |
| 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):

| | |
|-----------------------|------------------|
| Chemical name | HAPS Data |
| XYLENE | |
| BENZENE, 1,3-DIMETHYL | |

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 and Title 40n of the Code of Federal Regulations, Part 372:

| Chemical name | SARA 313 - Threshold Values |
|----------------------------------|-----------------------------|
| XYLENE - 1330-20-7 | 1.0 |
| N-BUTANOL (SKIN) - 71-36-3 | 1.0 |
| Butanol,1- - 71-36-3 | 1.0 |
| BENZENE, 1,3-DIMETHYL - 108-38-3 | 1.0 |

SARA 311/312 Hazardous

Categorization

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

| Chemical name | CWA - Reportable Quantities | CWA - Toxic Pollutants | CWA - Priority Pollutants | CWA - Hazardous Substances |
|-----------------------------------|-----------------------------|------------------------|---------------------------|----------------------------|
| XYLENE 1330-20-7 | 100 lb | | | X |
| BENZENE, 1,3-DIMETHYL 108-38-3 | | | | X |

| Chemical name | Hazardous Substances RQs | CERCLA EHS RQs | RQ |
|-----------------------------------|--------------------------|----------------|--|
| XYLENE 1330-20-7 | 100 lb | | RQ 100 lb final RQ RQ 45.4 kg final RQ |
| N-BUTANOL (SKIN) 71-36-3 | 5000 lb | | RQ 5000 lb final RQ RQ 2270 kg final RQ |
| Butanol,1- 71-36-3 | 5000 lb | | RQ 5000 lb final RQ RQ 2270 kg final RQ |
| BENZENE, 1,3-DIMETHYL 108-38-3 | 1000 lb | | RQ 1000 lb final RQ RQ 454 kg final RQ |

California Prop. 65

None of the ingredients are listed with California Proposition 65.

| Chemical name | California Prop. 65 |
|--|-----------------------------|
| CRYSTALLINE SILICA (QUARTZ) - 14808-60-7 | Carcinogen |
| BENZENE, 1,3-DIMETHYL - 108-38-3 | * |
| ETHANOL - 64-17-5 | Carcinogen Developmental |
| BENZENE, 1,2-DIMETHYL - 95-47-6 | * |
| BENZENE, 1,4-DIMETHYL - 106-42-3 | * |

| | |
|-------------------------------|------------|
| ETHYL BENZENE - 100-41-4 | Carcinogen |
| TITANIUM DIOXIDE - 13463-67-7 | Carcinogen |

California SCAQMD Rule 443

Contains Photochemically Reactive Solvent

State Right-to-Know

| Chemical name | New Jersey | Massachusetts | Pennsylvania |
|---|------------|---------------|--------------|
| CRYSTALLINE SILICA (QUARTZ) 14808-60-7 | X | X | X |
| XYLENE 1330-20-7 | X | X | X |
| N-BUTANOL (SKIN) 71-36-3 | X | X | X |
| Butanol, 1- 71-36-3 | X | X | X |
| BENZYL ALCOHOL 100-51-6 | | X | X |
| BENZENE, 1,3-DIMETHYL 108-38-3 | X | X | X |

16. OTHER INFORMATION**NFPA**

Health 2

Flammability 3

Instability 1

Physical hazard *

**HMIS (Hazardous
Material Information
System)**

Health 2*

Flammability 3

Reactivity 1

Prepared By

Tnemec Regulatory Dept: 816-474-3400

Revision Date

11-Aug-2017

Revision Summary

9 4 5 7 10 8 11 14

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