



Safety Data Sheet

Issue Date 18-Aug-2015

Revision Date 18-Aug-2015

Revision Number 3

1. IDENTIFICATION

Product identifier

Product Code C617-ENVT
Product Name Series 617 Tinted

Other means of identification

Common Name SERIES 617

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
Serious eye damage/eye irritation	Category 2
Reproductive Toxicity	Category 2
Specific target organ toxicity (repeated exposure)	Category 1

Label elements

EMERGENCY OVERVIEW

Danger

Hazard statements

Harmful if swallowed
Causes serious eye irritation
Suspected of damaging fertility or the unborn child
Causes damage to organs through prolonged or repeated exposure

**Appearance** yellow-orange 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
 Do not breathe dust/fume/gas/mist/vapors/spray

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 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)

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

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 65.67396 % of the mixture consists of ingredient(s) of unknown toxicity.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS-No	Weight-%
ETHYLENE GLYCOL	107-21-1	10 - 30%
MAGNESIUM SILICATE	-	10 - 30%
IRON OXIDE	1332-37-2	1 - 10%
2,2'-OXY-DIETHANOL	-	1 - 10%
PROPRIETARY	-	1 - 10%
TITANIUM DIOXIDE (TOTAL DUST)	13463-67-7	1 - 10%
TALC (RESPIRABLE DUST)	14807-96-6	1 - 10%
MAGNESIUM SILICATE	14807-96-6	1 - 10%
ETHYLENE GLYCOL	107-21-1	1 - 10%
MAGNESIUM SILICATE	14807-96-6	1 - 10%
TALC (RESPIRABLE DUST)	14807-96-6	1 - 10%
ETHYLENE GLYCOL	107-21-1	1 - 10%

CARBON BLACK	1333-86-4	0.1 - 1%
BENZENE SULFONIC ACID	68649-00-3	0.1 - 1%
TRIBUTYL PHOSPHATE	126-73-8	0.1 - 1%
CARBON BLACK DUST & FUME	1333-86-4	0.1 - 1%
CRYSTALLINE SILICA (QUARTZ)	14808-60-7	0.1 - 1%
MANGANESE TRIOXIDE	1317-34-6	0.1 - 1%
ALUMINUM HYDROXIDE	21645-51-2	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.

Most important symptoms and effects, both acute and delayed

Notes to physician	Treat symptomatically.
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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. Carbon oxides. Hydrocarbons.

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	Use personal protective equipment. Avoid contact with eyes, skin and clothing. Ensure adequate ventilation. Remove all sources of ignition.
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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 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. Do not ingest. Ensure adequate ventilation. 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 Strong oxidizing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure guidelines

Component	ACGIH TLV	OSHA PEL	NIOSH IDLH
ETHYLENE GLYCOL 107-21-1	Ceiling: 100 mg/m ³	Ceiling: 50 ppm Ceiling: 125 mg/m ³	
MAGNESIUM SILICATE	TWA: 2 mg/m ³	TWA: 2 mg/m ³	1000 mg/m ³
PROPRIETARY	TWA: 5 mg/m ³	TWA: 10 mg/m ³ TWA: 5 mg/m ³ TWA: 15 mg/m ³	2500 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
TALC (RESPIRABLE DUST) 14807-96-6	TWA: 2 mg/m ³	TWA: 2 mg/m ³	1000 mg/m ³
MAGNESIUM SILICATE 14807-96-6	TWA: 2 mg/m ³	TWA: 2 mg/m ³	1000 mg/m ³
ETHYLENE GLYCOL 107-21-1	Ceiling: 100 mg/m ³	Ceiling: 50 ppm Ceiling: 125 mg/m ³	
MAGNESIUM SILICATE 14807-96-6	TWA: 2 mg/m ³	TWA: 2 mg/m ³	1000 mg/m ³
TALC (RESPIRABLE DUST) 14807-96-6	TWA: 2 mg/m ³	TWA: 2 mg/m ³	1000 mg/m ³
ETHYLENE GLYCOL 107-21-1	Ceiling: 100 mg/m ³	Ceiling: 50 ppm Ceiling: 125 mg/m ³	
CARBON BLACK 1333-86-4	TWA: 3 mg/m ³	TWA: 3.5 mg/m ³	1750 mg/m ³

TRIBUTYL PHOSPHATE 126-73-8	TWA: 5 mg/m ³	TWA: 0.2 ppm TWA: 2.5 mg/m ³ TWA: 5 mg/m ³	30 ppm
CARBON BLACK DUST & FUME 1333-86-4	TWA: 3 mg/m ³	TWA: 3.5 mg/m ³	1750 mg/m ³
CRYSTALLINE SILICA (QUARTZ) 14808-60-7	TWA: 0.025 mg/m ³	TWA: 0.1 mg/m ³	50 mg/m ³
MANGANESE TRIOXIDE 1317-34-6	TWA: 0.02 mg/m ³ TWA: 0.1 mg/m ³	Ceiling: 5 mg/m ³	500 mg/m ³
ALUMINUM HYDROXIDE 21645-51-2	TWA: 1 mg/m ³	-	

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.

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. Respirable crystalline silica (quartz) can cause silicosis, a fibrosis (scarring) of the lungs.

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	yellow-orange 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	72 °C / 162 °F		
Flash point	No information available		
Evaporation rate		No data available	
Flammability (solid, gas)		Not applicable	
Flammability Limit in Air		No data available	
Upper flammability limit	NA		
Lower flammability limit	NA		
Vapor pressure		No data available	
Vapor density		No data available	
Specific gravity	No information available	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
Dynamic viscosity

No data available
No data available

Other Information

Density 10.32930 lbs/gal
Volatile organic compounds (VOC) content .457 lbs/gal
Total volatiles weight percent 57.3800 %
Total volatiles volume percent 71.2432 %

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

Strong oxidizing agents

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. 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. Respirable crystalline silica (quartz) can cause silicosis, a fibrosis (scarring) of the lungs.
Eye contact	Causes serious eye irritation.
Skin contact	Irritating to skin.
Ingestion	Harmful if swallowed.

Component	LD50 Oral	LD50 Dermal	LC50 Inhalation
ETHYLENE GLYCOL 107-21-1	= 4700 mg/kg (Rat)	= 10600 mg/kg (Rat) = 9530 µL/kg (Rabbit)	
2,2'-OXY-DIETHANOL	= 12565 mg/kg (Rat)	= 11890 mg/kg (Rabbit)	
PROPRIETARY	> 10000 mg/kg (Rat)		
TITANIUM DIOXIDE (TOTAL DUST) 13463-67-7	> 10000 mg/kg (Rat)		
ETHYLENE GLYCOL 107-21-1	= 4700 mg/kg (Rat)	= 10600 mg/kg (Rat) = 9530 µL/kg (Rabbit)	
ETHYLENE GLYCOL 107-21-1	= 4700 mg/kg (Rat)	= 10600 mg/kg (Rat) = 9530 µL/kg (Rabbit)	
CARBON BLACK 1333-86-4	> 15400 mg/kg (Rat)	> 3 g/kg (Rabbit)	
TRIBUTYL PHOSPHATE 126-73-8	= 1390 mg/kg (Rat)	> 3100 mg/kg (Rabbit)	= 1.359 mg/L (Rat) 4 h = 28 g/m ³ (Rat) 1 h

CARBON BLACK DUST & FUME 1333-86-4	> 15400 mg/kg (Rat)	> 3 g/kg (Rabbit)	
CRYSTALLINE SILICA (QUARTZ) 14808-60-7	= 500 mg/kg (Rat)		
ALUMINUM HYDROXIDE 21645-51-2	> 5000 mg/kg (Rat)		

Information on toxicological effects**Symptoms**

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

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

Substances known to impair fertility. May cause cancer.

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
MAGNESIUM SILICATE		Group 3		
PROPRIETARY		Group 3		
TITANIUM DIOXIDE (TOTAL DUST) 13463-67-7		Group 2B		X
TALC (RESPIRABLE DUST) 14807-96-6		Group 3		
MAGNESIUM SILICATE 14807-96-6		Group 3		
MAGNESIUM SILICATE 14807-96-6		Group 3		
TALC (RESPIRABLE DUST) 14807-96-6		Group 3		
CARBON BLACK 1333-86-4	A3	Group 2B		X
TRIBUTYL PHOSPHATE 126-73-8	A3			
CARBON BLACK DUST & FUME 1333-86-4	A3	Group 2B		X
CRYSTALLINE SILICA (QUARTZ) 14808-60-7	A2	Group 1	Known	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

Central nervous system, Central Vascular System (CVS), Eyes, respiratory system, Skin.

Aspiration hazard

No information available.

Acute Toxicity

65.67396 % of the mixture consists of ingredient(s) of unknown toxicity.

12. ECOLOGICAL INFORMATION**Ecotoxicity**

79.3628174 % of the mixture consists of component(s) of unknown hazards to the aquatic environment

Component	Toxicity to algae	Toxicity to fish	Toxicity to daphnia
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ETHYLENE GLYCOL 107-21-1	6500 - 13000: 96 h Pseudokirchneriella subcapitata mg/L EC50	41000: 96 h Oncorhynchus mykiss mg/L LC50 14 - 18: 96 h Oncorhynchus mykiss mL/L LC50 static 27540: 96 h Lepomis macrochirus mg/L LC50 static 40761: 96 h Oncorhynchus mykiss mg/L LC50 static 40000 - 60000: 96 h Pimephales promelas mg/L LC50 static 16000: 96 h Poecilia reticulata mg/L LC50 static	46300: 48 h Daphnia magna mg/L EC50
MAGNESIUM SILICATE		100: 96 h Brachydanio rerio g/L LC50 semi-static	
2,2'-OXY-DIETHANOL		75200: 96 h Pimephales promelas mg/L LC50 flow-through	84000: 48 h Daphnia magna mg/L EC50
TALC (RESPIRABLE DUST) 14807-96-6		100: 96 h Brachydanio rerio g/L LC50 semi-static	
MAGNESIUM SILICATE 14807-96-6		100: 96 h Brachydanio rerio g/L LC50 semi-static	
ETHYLENE GLYCOL 107-21-1	6500 - 13000: 96 h Pseudokirchneriella subcapitata mg/L EC50	41000: 96 h Oncorhynchus mykiss mg/L LC50 14 - 18: 96 h Oncorhynchus mykiss mL/L LC50 static 27540: 96 h Lepomis macrochirus mg/L LC50 static 40761: 96 h Oncorhynchus mykiss mg/L LC50 static 40000 - 60000: 96 h Pimephales promelas mg/L LC50 static 16000: 96 h Poecilia reticulata mg/L LC50 static	46300: 48 h Daphnia magna mg/L EC50
MAGNESIUM SILICATE 14807-96-6		100: 96 h Brachydanio rerio g/L LC50 semi-static	
TALC (RESPIRABLE DUST) 14807-96-6		100: 96 h Brachydanio rerio g/L LC50 semi-static	
ETHYLENE GLYCOL 107-21-1	6500 - 13000: 96 h Pseudokirchneriella subcapitata mg/L EC50	41000: 96 h Oncorhynchus mykiss mg/L LC50 14 - 18: 96 h Oncorhynchus mykiss mL/L LC50 static 27540: 96 h Lepomis macrochirus mg/L LC50 static 40761: 96 h Oncorhynchus mykiss mg/L LC50 static 40000 - 60000: 96 h Pimephales promelas mg/L LC50 static 16000: 96 h Poecilia reticulata mg/L LC50 static	46300: 48 h Daphnia magna mg/L EC50
CARBON BLACK 1333-86-4			5600: 24 h Daphnia magna mg/L EC50
TRIBUTYL PHOSPHATE 126-73-8	4.4: 96 h Pseudokirchneriella subcapitata mg/L EC50 1.1: 72 h Desmodesmus subspicatus mg/L EC50	4.2: 96 h Oncorhynchus mykiss mg/L LC50 static 13: 96 h Oncorhynchus mykiss mg/L LC50 flow-through 7.66 - 8.74: 96 h Pimephales promelas mg/L LC50 flow-through 1.0 - 10.0: 96 h Pimephales promelas mg/L LC50 static 8.18: 96 h Pimephales promelas mg/L LC50 4.5: 96 h Oryzias latipes mg/L LC50 9.6: 96 h Oryzias latipes mg/L LC50 static	1.58 - 8.43: 48 h Daphnia magna mg/L EC50 Static
CARBON BLACK DUST & FUME 1333-86-4			5600: 24 h Daphnia magna mg/L EC50

Persistence and degradability

No information available.

Bioaccumulation

No information available.

Mobility in Environmental Media

Component	log Pow
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ETHYLENE GLYCOL 107-21-1	-1.93
2,2'-OXY-DIETHANOL	-1.98
ETHYLENE GLYCOL 107-21-1	-1.93
ETHYLENE GLYCOL 107-21-1	-1.93
TRIBUTYL PHOSPHATE 126-73-8	2.5

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.

14. TRANSPORT INFORMATION

DOT

Proper Shipping Name paint,water base freezable 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/NDL	Does not comply
EINECS/ELINCS	Does not comply
ENCS	Does not comply
IECSC	Does not comply
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

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

Component	HAPS Data
ETHYLENE GLYCOL	

ETHYLENE GLYCOL
ETHYLENE GLYCOL
MANGANESE TRIOXIDE

United States of America**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:

Component	SARA 313 - Threshold Values
ETHYLENE GLYCOL - 107-21-1	1.0
ETHYLENE GLYCOL - 107-21-1	1.0
ETHYLENE GLYCOL - 107-21-1	1.0
MANGANESE TRIOXIDE - 1317-34-6	1.0

SARA 311/312 Hazardous**Categorization**

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

CERCLA

Component	Hazardous Substances RQs	CERCLA EHS RQs	RQ
ETHYLENE GLYCOL 107-21-1	5000 lb		RQ 5000 lb final RQ RQ 2270 kg final RQ
ETHYLENE GLYCOL 107-21-1	5000 lb		RQ 5000 lb final RQ RQ 2270 kg final RQ
ETHYLENE GLYCOL 107-21-1	5000 lb		RQ 5000 lb final RQ RQ 2270 kg final RQ

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
TITANIUM DIOXIDE (TOTAL DUST) - 13463-67-7	Carcinogen
CARBON BLACK - 1333-86-4	Carcinogen
CARBON BLACK DUST & FUME - 1333-86-4	Carcinogen
CRYSTALLINE SILICA (QUARTZ) - 14808-60-7	Carcinogen

California SCAQMD Rule 443

Contains Photochemically Reactive Solvent

State Right-to-Know

Component	New Jersey	Massachusetts	Pennsylvania
ETHYLENE GLYCOL 107-21-1	X	X	X
MAGNESIUM SILICATE	X	X	X
2,2'-OXY-DIETHANOL			X
PROPRIETARY	X	X	X
TITANIUM DIOXIDE (TOTAL DUST) 13463-67-7	X	X	X
TALC (RESPIRABLE DUST) 14807-96-6	X	X	X

MAGNESIUM SILICATE 14807-96-6	X	X	X
ETHYLENE GLYCOL 107-21-1	X	X	X
MAGNESIUM SILICATE 14807-96-6	X	X	X
TALC (RESPIRABLE DUST) 14807-96-6	X	X	X
ETHYLENE GLYCOL 107-21-1	X	X	X
CARBON BLACK 1333-86-4	X	X	X
TRIBUTYL PHOSPHATE 126-73-8	X	X	X
CARBON BLACK DUST & FUME 1333-86-4	X	X	X
CRYSTALLINE SILICA (QUARTZ) 14808-60-7	X	X	X
MANGANESE TRIOXIDE 1317-34-6	X		X

16. OTHER INFORMATION

NFPA
HMIS (Hazardous
Material Information
System)

Health 2
Health 2

Flammability 0
Flammability 0

Instability 0
Reactivity 0

Physical hazard -

Prepared By
Revision Date
Revision Summary
9 1 5 6 7 10 8 11 14 15

Tnemec Regulatory Dept: 816-474-3400
18-Aug-2015

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