



Material Safety Data Sheet

Preparation Date: 04-Jan-2010

Revision Date: 29-Dec-2009

Revision Number: 0

1. PRODUCT AND COMPANY IDENTIFICATION

Product Code 88HS-0555
Trade Name AZERON HS PRIMER RED
Contact Manufacturer Tnemec Company, Inc. 6800 Corporate Drive, Kansas City, MO 64120-1372
Emergency Telephone Number 800-535-5053 (INFOTRAC) - TNEMEC REGULATORY DEPT: 816-474-3400

2. HAZARDS IDENTIFICATION

Emergency Overview

WARNING!

FLAMMABLE LIQUID AND VAPOR.
HARMFUL IF INHALED.
HARMFUL OR FATAL IF SWALLOWED.
MAY AFFECT THE BRAIN OR NERVOUS SYSTEM CAUSING DIZZINESS, HEADACHE OR NAUSEA.
MAY CAUSE EYE, SKIN, NOSE, THROAT AND RESPIRATORY TRACT IRRITATION.
MAY BE HARMFUL IF ABSORBED THROUGH SKIN.

Potential Health Effects

Principle Routes of Exposure Eye contact, Inhalation, Skin contact.

Acute Effects

Eyes

Moderately irritating to the eyes.

Skin

Irritating to skin.

Inhalation

Irritating to respiratory system. Blood disorder may occur after prolonged inhalation.

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

Ingestion

May be harmful if swallowed. Blood disorder may occur after ingestion.

Chronic Effects

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.)

See Section 11 for additional Toxicological information.

Aggravated Medical Conditions Central nervous system. Gastrointestinal tract. Kidney disorders. Liver disorders. Skin disorders.

Interactions with Other Chemicals Use of alcoholic beverages may enhance toxic effects.

Potential Environmental Effects See Section 12 for additional Ecological information

Target Organ Effects Blood, Central nervous system, Central Vascular System, Gastrointestinal tract, Eyes, Kidney, Liver, Lungs, Respiratory system, Skin

3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Components

| Component | CAS-No | Weight % |
|--------------------------------|------------|----------|
| CALCIUM CARBONATE | 471-34-1 | 10 - 30 |
| SILICON DIOXIDE/ALUMINUM OXIDE | 66402-68-4 | 10 - 30 |
| BARIUM SULFATE (TOTAL DUST) | 7727-43-7 | 10 - 30 |
| XYLENE | 1330-20-7 | 9.7791 |
| TALC (RESPIRABLE DUST) | 14807-96-6 | 5 - 10 |
| IRON OXIDE FUME | 1309-37-1 | 5 - 10 |
| ISOPROPANOL | 67-63-0 | 3.0521 |
| CRYSTALLINE SILICA (QUARTZ) | 14808-60-7 | 2.9348 |
| ETHYL BENZENE | 100-41-4 | 1.8035 |
| AROMATIC HYDROCARBON MIXTURE | 64742-95-6 | 1.7299 |
| ACETONE | 67-64-1 | 1.4728 |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 1.284 |
| MICA (RESPIRABLE DUST) | 12001-26-2 | 1 - 5 |
| VM&P NAPHTHA | 8032-32-4 | 1.0875 |
| DIBUTYL PHTHALATE | 84-74-2 | 0.5517 |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 0.321 |
| ALUMINUM OXIDES | 1344-28-1 | 0.1 - 1 |

4. FIRST AID MEASURES

| | |
|---------------------|--|
| Eye Contact | Rinse thoroughly with plenty of water for at least 15 minutes. |
| Skin Contact | Wash off immediately with soap and plenty of water. |
| Ingestion | If swallowed, do not induce vomiting. Get medical attention immediately. |
| Inhalation | Move to fresh air. Oxygen or artificial respiration if needed. |

5. FIRE-FIGHTING MEASURES

| | |
|-------------------------------------|---|
| Flammable Properties | Flammable liquid. |
| Suitable Extinguishing Media | Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Contact with water may cause violent frothing. Use: Carbon dioxide (CO ₂) - Foam - Dry chemical |

Hazardous Decomposition Products Oxides of carbon, hydrocarbons.

Specific Hazards Arising from the Chemical

DANGER - CERTAIN COLORS CONTAIN LINSEED OIL. RAGS AND OTHER COMBUSTIBLE ITEMS SOILED WITH LINSEED OIL REPRESENT A SPONTANEOUS COMBUSTION HAZARD. TO AVOID SPONTANEOUS COMBUSTION, SOAK SOILED RAGS AND WASTE IMMEDIATELY AFTER USE IN A WATER-FILLED, CLOSED METAL CONTAINER.

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. Solvent vapors are heavier than air and may spread along floors. Flash back possible over considerable distance.

6. ACCIDENTAL RELEASE MEASURES

6. ACCIDENTAL RELEASE MEASURES

| | |
|----------------------------------|---|
| Personal Precautions | Avoid contact with skin, eyes and clothing. Use personal protective equipment. Remove all sources of ignition. |
| Environmental Precautions | Prevent further leakage or spillage if safe to do so. Do not flush into surface water or sanitary sewer system. |
| 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. |
| Other Information | Not applicable |

7. HANDLING AND STORAGE

Handling

Close container after each use. Avoid contact with skin, eyes 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.

Storage

Keep away from heat, sparks and flame. VAPORS MAY CAUSE FLASH FIRE. Use only in an area containing flame proof equipment. Extinguish all flames and pilot lights, and turn off stoves, heaters, electric motors and other sources of ignition during use and until all vapors are gone. Prevent build-up of vapors by opening all windows and doors to achieve cross ventilation.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines

| Component | ACGIH TLV | OSHA PEL | Quebec TWAEV | Ontario TWAEV | Mexico OEL (TWA) |
|--------------------------------|--|--|--|--|--|
| CALCIUM CARBONATE | | | TWA: 10 mg/m ³ | TWA: 10 mg/m ³ | TWA: 10 mg/m ³ STEL: 20 mg/m ³ |
| SILICON DIOXIDE/ALUMINUM OXIDE | TWA: 5 mg/m ³ TWA: 0.2 mg/m ³ | | TWA: 5 mg/m ³ STEL: 10 mg/m ³ | TWA: 0.5 fibres/cm ³ TWA: 5 mg/m ³ TWA: 0.2 mg/m ³ STEL: 10 mg/m ³ | TWA: 5 mg/m ³ TWA: 0.2 mg/m ³ STEL: 10 mg/m ³ |
| BARIUM SULFATE (TOTAL DUST) | TWA: 10 mg/m ³ TWA: 0.5 mg/m ³ | TWA: 5 mg/m ³ TWA: 10 mg/m ³ TWA: 15 mg/m ³ | TWA: 10 ppm TWA: 5 ppm TWA: 0.5 mg/m ³ | TWA: 10 mg/m ³ | TWA: 0.5 mg/m ³ |
| XYLENE | TWA: 100 ppm STEL: 150 ppm | TWA: 435 mg/m ³ TWA: 100 ppm STEL: 150 ppm STEL: 655 mg/m ³ | TWA: 434 mg/m ³ TWA: 100 ppm STEL: 150 ppm STEL: 651 mg/m ³ | TWA: 100 ppm TWA: 435 mg/m ³ STEL: 150 ppm STEL: 650 mg/m ³ | TWA: 435 mg/m ³ TWA: 100 ppm STEL: 150 ppm STEL: 655 mg/m ³ |
| TALC (RESPIRABLE DUST) | TWA: 2 mg/m ³ | TWA: 2 mg/m ³ | TWA: 3 mg/m ³ | TWA: 2 mg/m ³ | TWA: 2 mg/m ³ |
| IRON OXIDE FUME | TWA: 1 mg/m ³ TWA: 5 mg/m ³ | TWA: 10 mg/m ³ | TWA: 1 mg/m ³ TWA: 5 mg/m ³ | TWA: 5 mg/m ³ | TWA: 1 mg/m ³ TWA: 5 mg/m ³ STEL: 10 mg/m ³ STEL: 2 mg/m ³ |
| ISOPROPANOL | TWA: 200 ppm STEL: 400 ppm | TWA: 980 mg/m ³ TWA: 400 ppm STEL: 500 ppm STEL: 1225 mg/m ³ | TWA: 985 mg/m ³ TWA: 400 ppm STEL: 500 ppm STEL: 1230 mg/m ³ | TWA: 200 ppm STEL: 400 ppm | TWA: 400 ppm TWA: 980 mg/m ³ STEL: 500 ppm STEL: 1225 mg/m ³ |
| CRYSTALLINE SILICA (QUARTZ) | TWA: 0.025 mg/m ³ | TWA: 0.1 mg/m ³ | TWA: 0.1 mg/m ³ | TWA: 0.10 mg/m ³ | TWA: 0.1 mg/m ³ |
| ETHYL BENZENE | TWA: 100 ppm STEL: 125 ppm | TWA: 435 mg/m ³ TWA: 100 ppm STEL: 545 mg/m ³ STEL: 125 ppm | TWA: 434 mg/m ³ TWA: 100 ppm STEL: 125 ppm STEL: 543 mg/m ³ | TWA: 100 ppm TWA: 435 mg/m ³ STEL: 125 ppm STEL: 540 mg/m ³ | TWA: 100 ppm TWA: 435 mg/m ³ STEL: 125 ppm STEL: 545 mg/m ³ |
| ACETONE | TWA: 500 ppm STEL: 750 ppm | TWA: 1800 mg/m ³ TWA: 750 ppm STEL: 2400 mg/m ³ STEL: 1000 ppm TWA: 2400 mg/m ³ TWA: 1000 ppm | TWA: 500 ppm TWA: 1190 mg/m ³ STEL: 2380 mg/m ³ STEL: 1000 ppm | TWA: 500 ppm STEL: 750 ppm | TWA: 2400 mg/m ³ TWA: 1000 ppm STEL: 3000 mg/m ³ STEL: 1260 ppm |
| 1,2,4-TRIMETHYLBENZENE | TWA: 25 ppm | | TWA: 25 ppm TWA: 123 mg/m ³ | TWA: 25 ppm TWA: 123 mg/m ³ | TWA: 125 mg/m ³ TWA: 25 ppm STEL: 170 mg/m ³ STEL: 35 ppm |
| MICA (RESPIRABLE DUST) | TWA: 3 mg/m ³ | TWA: 3 mg/m ³ | TWA: 3 mg/m ³ | TWA: 3 mg/m ³ | TWA: 3 mg/m ³ |

| | | | | | |
|------------------------|--------------------------|--|---|---|---|
| VM&P NAPHTHA | TWA: 300 ppm | TWA: 1350 mg/m ³ TWA: 300 ppm STEL: 1800 mg/m ³ STEL: 400 ppm | TWA: 1370 mg/m ³ TWA: 300 ppm | TWA: 1350 mg/m ³ | TWA: 300 ppm TWA: 1350 mg/m ³ STEL: 400 ppm STEL: 1800 mg/m ³ |
| DIBUTYL PHTHALATE | TWA: 5 mg/m ³ | TWA: 5 mg/m ³ | TWA: 5 mg/m ³ | TWA: 5 mg/m ³ | TWA: 5 mg/m ³ STEL: 10 mg/m ³ |
| 1,3,5-TRIMETHYLBENZENE | TWA: 25 ppm | | TWA: 25 ppm TWA: 123 mg/m ³ | TWA: 25 ppm TWA: 123 mg/m ³ | TWA: 125 mg/m ³ TWA: 25 ppm STEL: 170 mg/m ³ STEL: 35 ppm |
| ALUMINUM OXIDES | TWA: 1 mg/m ³ | TWA: 10 mg/m ³ TWA: 5 mg/m ³ TWA: 15 mg/m ³ | TWA: 10 mg/m ³ | TWA: 10 mg/m ³ | TWA: 10 mg/m ³ |

Engineering Measures

Ensure adequate ventilation, especially in confined areas

Personal Protective Equipment**Skin Protection**

Lightweight protective clothing, Apron, Impervious gloves

Eye/face Protection

Goggles. If splashes are likely to occur, wear face-shield.

Respiratory Protection

Use only with adequate ventilation. Do not breathe dust, vapors or spray mist. Ensure fresh air entry during application and drying. If you experience eye watering, headache or dizziness or if air monitoring demonstrates vapor/mist levels are above applicable limits, wear an appropriate, properly fitted respirator (NIOSH 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

| | |
|-----------------------|------------------------------|
| Flash Point | 19°C / 67.0°F |
| Boiling Point/Range | 82 - 202°C / 180.0 - 395.0°F |
| Upper Exposure Limits | No information available |
| Lower Exposure Limits | No information available |
| Evaporation Rate | No information available |
| Vapour Pressure | No information available |
| Vapour Density | No information available |
| Specific Gravity | 1.60993 |
| Density | 13.39704 |
| VOC Content (lbs/gal) | 2.692 |
| % Volatile by Weight | 20.9650 |
| % Volatile by Volume | 39.9504 |

10. STABILITY AND REACTIVITY

| | | | |
|------------------------------|--|---|------------------------------|
| Chemical stability | Stable. | Conditions to Avoid | Heat, flames and sparks. |
| Incompatible Products | Strong oxidizing agents. Bases. Acids. Alkalines. Amines. | Possibility of Hazardous Reactions | None under normal processing |

11. TOXICOLOGICAL INFORMATION

Acute Toxicity**Component Information**

| Component | LD50 Oral | LD50 Dermal | LC50 Inhalation |
|-------------------|--------------------|-------------|-----------------|
| CALCIUM CARBONATE | 6450 mg/kg (Rat) | | |

11. TOXICOLOGICAL INFORMATION

| | | | |
|------------------------------|---------------------|--|---|
| XYLENE | 4300 mg/kg (Rat) | 1700 mg/kg (Rabbit) | 47635 mg/L (Rat) 4 h 5000 ppm (Rat) 4 h |
| IRON OXIDE FUME | 10000 mg/kg (Rat) | | |
| ISOPROPANOL | 4396 mg/kg (Rat) | 12800 mg/kg (Rat) 12870 mg/kg (Rabbit) | 72.6 mg/L (Rat) 4 h |
| CRYSTALLINE SILICA (QUARTZ) | 500 mg/kg (Rat) | | |
| ETHYL BENZENE | 3500 mg/kg (Rat) | 15354 mg/kg (Rabbit) | 17.2 mg/L (Rat) 4 h |
| AROMATIC HYDROCARBON MIXTURE | 8400 mg/kg (Rat) | 2000 mg/kg (Rabbit) | 5.2 mg/L (Rat) 4 h 3400 ppm (Rat) 4 h |
| ACETONE | 5800 mg/kg (Rat) | | |
| 1,2,4-TRIMETHYLBENZENE | 3400 mg/kg (Rat) | 3160 mg/kg (Rabbit) | 18 g/m ³ (Rat) 4 h |
| VM&P NAPHTHA | | | 3400 ppm (Rat) 4 h |
| DIBUTYL PHTHALATE | 6300 mg/kg (Rat) | 2000 mg/kg (Rabbit) | 15.68 mg/L (Rat) 4 h |
| 1,3,5-TRIMETHYLBENZENE | 5000 mg/kg (Rat) | | 24 g/m ³ (Rat) 4 h |
| ALUMINUM OXIDES | 5000 mg/kg (Rat) | | |

Irritation No information available
Corrosivity No information available
Sensitization No information available

Chronic Toxicity

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

| Component | ACGIH | IARC | NTP | OSHA | Mexico |
|-----------------------------|-------|----------|-------|------|--------|
| ISOPROPANOL | | Group 1 | | | |
| CRYSTALLINE SILICA (QUARTZ) | A2 | Group 1 | Known | X | |
| ETHYL BENZENE | A3 | Group 2B | | X | |
| VM&P NAPHTHA | | | | | A3 |

Mutagenic Effects No information available
Reproductive Effects No information available
Developmental Effects No information available
Teratogenicity No information available
Target Organ Effects Blood, Central nervous system, Central Vascular System, Gastrointestinal tract, Eyes, Kidney, Liver, Lungs, Respiratory system, Skin.

Endocrine Disruptor Information No information available

| Component | EU - Endocrine Disrupters Candidate List | EU - Endocrine Disruptors - Evaluated Substances | Japan - Endocrine Disruptor Information |
|-------------------|--|--|---|
| DIBUTYL PHTHALATE | Group III Chemical | Group I Chemical | High Exposure Concern |

12. ECOLOGICAL INFORMATION

Ecotoxicity

| Component | Freshwater Algae | Freshwater Fish | Microtox | Water Flea |
|------------------------|------------------|---|-------------------------|--|
| XYLENE | | LC50= 13.4 mg/L Pimephales promelas 96 h LC50= 8.05 mg/L Oncorhynchus mykiss 96 h LC50= 16.1 mg/L Lepomis macrochirus 96 h LC50= 26.7 mg/L Pimephales promelas 96 h | EC50 = 0.0084 mg/L 24 h | EC50 = 3.82 mg/L 48 h LC50 = 0.6 mg/L 48 h |
| TALC (RESPIRABLE DUST) | | LC50> 100 g/L Brachydanio rerio 96 h | | |

| Component | Freshwater Algae | Freshwater Fish | Microtox | Water Flea |
|------------------------------|---|---|---|---|
| ISOPROPANOL | EC50 > 1000 mg/L 96 h EC50 > 1000 mg/L 72 h | LC50= 9640 mg/L Pimephales promelas 96 h LC50= 94900 mg/L Pimephales promelas 96 h LC50= 61200 mg/L Pimephales promelas 96 h | EC50 = 35390 mg/L 5 min | EC50 = 13299 mg/L 48 h |
| ETHYL BENZENE | EC50 = 4.6 mg/L 72 h EC50 > 438 mg/L 96 h | LC50= 14.0 mg/L Oncorhynchus mykiss 96 h LC50= 9.09 mg/L Pimephales promelas 96 h LC50= 150.0 mg/L Lepomis macrochirus 96 h LC50= 4.2 mg/L Oncorhynchus mykiss 96 h LC50= 32 mg/L Lepomis macrochirus 96 h LC50= 48.5 mg/L Pimephales promelas 96 h LC50= 9.6 mg/L Poecilia reticulata 96 h | EC50 = 9.68 mg/L 30 min EC50 = 96 mg/L 24 h | EC50 1.8 - 2.4 mg/L 48 h |
| AROMATIC HYDROCARBON MIXTURE | | LC50= 9.22 mg/L Oncorhynchus mykiss 96 h | | EC50 = 6.14 mg/L 48 h |
| ACETONE | | LC50= 5540 mg/L Oncorhynchus mykiss 96 h LC50= 6210 mg/L Pimephales promelas 96 h LC50= 8300 mg/L Lepomis macrochirus 96 h | EC50 = 14500 mg/L 15 min | EC50 = 0.0039 mg/L 48 h EC50 = 12700 mg/L 48 h EC50 = 12600 mg/L 48 h |
| 1,2,4-TRIMETHYLBENZENE | | LC50= 7.72 mg/L Pimephales promelas 96 h | | EC50 = 6.14 mg/L 48 h |
| VM&P NAPHTHA | EC50 = 4700 mg/L 72 h | | | |
| DIBUTYL PHTHALATE | EC50 = 1.2 mg/L 72 h EC50 = 0.75 mg/L 96 h | LC50= 0.71 mg/L Pimephales promelas 96 h LC50= 1.0 mg/L Pimephales promelas 96 h LC50= 1.24 mg/L Oncorhynchus mykiss 96 h LC50= 0.42 mg/L Lepomis macrochirus 96 h LC50= 0.7 mg/L Lepomis macrochirus 96 h LC50= 4.6 mg/L Leuciscus idus 96 h | EC50 = 10.9 mg/L 5 min EC50 = 11.1 mg/L 15 min EC50 = 10.9 mg/L 30 min EC50 = 2.2 mg/L 24 h | EC50 = 3.7 mg/L 48 h EC50 = 3.4 mg/L 48 h |
| 1,3,5-TRIMETHYLBENZENE | | LC50= 7.72 mg/L Pimephales promelas 96 h LC50= 3.48 mg/L Pimephales promelas 96 h | | EC50 = 50 mg/L 24 h |

13. DISPOSAL CONSIDERATIONS

Waste 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 for local recycling, recovery or waste disposal

14. TRANSPORT INFORMATION

DOT Ground Transportation Only. Call TNEMEC Traffic Department - 816-474-3400 for other modes of Transportation.
Proper Shipping Name UN1263, PAINT, 3, PGIII, ERG 128

15. REGULATORY INFORMATION

International Inventories

TSCA

Complies

| | |
|---------------|-----------------|
| DSL/NDL | Complies |
| EINECS/ELINCS | Does not Comply |
| CHINA | Does not Comply |
| ENCS | Does not Comply |
| KECL | Does not Comply |
| PICCS | Does not Comply |
| AICS | Does not Comply |

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)

This product contains the following HAPs:

Component

XYLENE
ETHYL BENZENE

U.S. Federal Regulations**SARA 313**

| Component | CAS-No | Weight % | SARA 313 - Threshold Values |
|------------------------|-----------|----------|-----------------------------|
| XYLENE | 1330-20-7 | 9.7791 | 1.0 |
| ETHYL BENZENE | 100-41-4 | 1.8035 | 0.1 |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 1.284 | 1.0 |
| DIBUTYL PHTHALATE | 84-74-2 | 0.5517 | 1.0 |

SARA 311/312 Hazardous Categorization

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

| Component | CWA - Reportable Quantities | CWA - Toxic Pollutants | CWA - Priority Pollutants | CWA - Hazardous Substances |
|--------------------------------|-----------------------------|------------------------|---------------------------|----------------------------|
| SILICON DIOXIDE/ALUMINUM OXIDE | | X | | |
| XYLENE | 100 lb | | | X |
| ETHYL BENZENE | 1000 lb | X | X | X |
| DIBUTYL PHTHALATE | 10 lb | | X | X |

CERCLA

| Component | Hazardous Substances RQs | CERCLA EHS RQs |
|-------------------|--------------------------|----------------|
| XYLENE | 100 lb | |
| ETHYL BENZENE | 1000 lb | |
| ACETONE | 5000 lb | |
| DIBUTYL PHTHALATE | 10 lb | |

U.S. State Regulations**California Proposition 65**

This product contains the following Proposition 65 chemicals:

| Component | CAS-No | California Prop. 65 |
|-----------------------------|------------|---|
| CRYSTALLINE SILICA (QUARTZ) | 14808-60-7 | Carcinogen |
| ETHYL BENZENE | 100-41-4 | Carcinogen |
| DIBUTYL PHTHALATE | 84-74-2 | Developmental Female Reproductive Male Reproductive |

State Right-to-Know

| Component | Massachusetts | New Jersey | Pennsylvania | Illinois | Rhode Island |
|-----------------------------------|---------------|------------|--------------|----------|--------------|
| CALCIUM CARBONATE | X | X | X | | X |
| SILICON DIOXIDE/ALUMINUM OXIDE | | X | X | | X |
| BARIUM SULFATE (TOTAL DUST) | X | X | X | | X |
| XYLENE | X | X | X | X | X |
| TALC (RESPIRABLE DUST) | X | X | X | | X |
| IRON OXIDE FUME | X | X | X | | X |
| ISOPROPANOL | X | X | X | | X |
| CRYSTALLINE SILICA (QUARTZ) | X | X | X | | X |
| ETHYL BENZENE | X | X | X | X | X |
| ACETONE | X | X | X | | X |
| 1,2,4-TRIMETHYLBENZENE | X | X | X | X | X |
| MICA (RESPIRABLE DUST) | X | X | X | | X |
| VM&P NAPHTHA | | X | X | | |
| DIBUTYL PHTHALATE | X | X | X | X | X |
| 1,3,5-TRIMETHYLBENZENE | X | X | X | X | X |
| ALUMINUM OXIDES | X | X | X | | X |

Other International Regulations**Canada**

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

WHMIS Hazard Class

B2 Flammable liquid

D2A Very toxic materials



| Component | NPRI |
|------------------------------|---|
| XYLENE | Part 1, Group 1 Substance; Part 5 Substance |
| ISOPROPANOL | Part 1, Group 1 Substance; Part 5 Substance |
| ETHYL BENZENE | Part 1, Group 1 Substance |
| AROMATIC HYDROCARBON MIXTURE | Part 5 Substance |
| 1,2,4-TRIMETHYLBENZENE | Part 1, Group 1 Substance; Part 5 Substance |
| VM&P NAPHTHA | Part 5 Substance |
| DIBUTYL PHTHALATE | Part 1, Group 1 Substance |
| ALUMINUM OXIDES | Part 1, Group 1 Substance (fibrous form) |

Legend

NPRI - National Pollutant Release Inventory

16. OTHER INFORMATION

Revision Date: 29-Dec-2009

Revision Summary: No information available

HMIS Health 0 Flammability 0 Reactivity 1

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