



## PRODUCT SAFETY INFORMATION SHEET

This is a condensed document providing safety and health information pertinent to the product. For a complete regulatory MSDS please contact your Tnemec Representative at [www.tnemec.com](http://www.tnemec.com) or 1-800-TNEMEC1.

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### 2. HAZARDS IDENTIFICATION

#### Emergency Overview

#### WARNING!

COMBUSTIBLE 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.

#### 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.

###### Ingestion

May be harmful if swallowed. Do not induce vomiting: may contain petroleum distillates and/or aromatic solvents. Aspiration may cause pulmonary edema and pneumonitis.

##### 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.

##### Target Organ Effects

Central nervous system, Eyes, Kidney, Respiratory system, Skin

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### Hazardous Components

Component	CAS-No	Weight %
ALIPHATIC HYDROCARBON MIXTURE	8052-41-3	60 - 100
ALKYLALKOXYISILANE	18395-30-7	30 - 60
SILICONE RESIN SOLUTION	-	5 - 10

### 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

Combustible material.

#### 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<sub>2</sub>) - Foam - Dry chemical

**Hazardous Decomposition Products** Oxides of carbon, hydrocarbons. Formaldehyde.

**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.

**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**

<b>Personal Precautions</b>	Avoid contact with skin, eyes and clothing. Use personal protective equipment. Remove all sources of ignition.
<b>Environmental Precautions</b>	Prevent further leakage or spillage if safe to do so. Do not flush into surface water or sanitary sewer system.
<b>Methods for Cleaning Up</b>	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**

**Handling**

Close container after each use. Avoid contact with skin, eyes and clothing. Handle in accordance with good industrial hygiene and safety practice. Remove and wash contaminated clothing before re-use. Do not eat, drink or smoke when using this product. 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. Use only in an area containing flame proof equipment. 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)
ALIPHATIC HYDROCARBON MIXTURE	TWA: 100 ppm	TWA: 100 ppm TWA: 525 mg/m <sup>3</sup> TWA: 2900 mg/m <sup>3</sup> TWA: 500 ppm	TWA: 525 mg/m <sup>3</sup> TWA: 100 ppm	TWA: 525 mg/m <sup>3</sup>	TWA: 523 mg/m <sup>3</sup> TWA: 100 ppm STEL: 1050 mg/m <sup>3</sup> STEL: 200 ppm

**Engineering Measures** Ensure adequate ventilation, especially in confined areas

**Personal Protective Equipment**

**Skin Protection** Lightweight protective clothing, Apron, Impervious gloves

**Eye/face Protection** Safety glasses with side-shields

**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**

<b>Flash Point</b>	38°C / 100.0°F	<b>Method</b>	Pensky Martens - Closed Cup
<b>Boiling Point/Range</b>	154 - 202°C / 310.0 - 395.0°F	<b>Upper Exposure Limits</b>	No information available
<b>Lower Exposure Limits</b>	No information available	<b>Evaporation Rate</b>	No information available
<b>Vapour Pressure</b>	No information available	<b>Vapour Density</b>	No information available
<b>Specific Gravity</b>	.83048	<b>Density</b>	6.91083
<b>VOC Content (lbs/gal)</b>	4.976	<b>% Volatile by Weight</b>	72.0100
<b>% Volatile by Volume</b>	77.7856		

