

RHODORSIL V-1022 PART A

Date Prepared: 4/10/07

Supersedes Date: 10/09/06

## 1. PRODUCT AND COMPANY DESCRIPTION

Bluestar Silicones  
911 E. White Street  
Rock Hill, SC US

**Emergency Phone Numbers:**

FOR EMERGENCIES INVOLVING A SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT  
CONTACT: CHEMTREC (800-424-9300 within the United States or  
703-527-3887 for international collect calls).

**For Product Information:**

803-329-5260

**Chemical Name or Synonym:**

POLYDIMETHYLSILOXANES

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS Reg Number	OSHA Hazard	Percentage
POLYDIMETHYLSILOXANE, HYDROXY TERMINATED	70131-67-8	N	70 - 75
CALCIUM CARBONATE	471-34-1	Y	20 - 25
CRYSTALLINE SILICA AS QUARTZ	14464-46-1	Y	3 - 7
SILICA FLUX CALCINED DIATOMACEOUS EARTH	68855-54-9	Y	1 - 5
QUARTZ (SI02)	14808-60-7	Y	0.1 - 1

## 3. HAZARDS IDENTIFICATION

**A. EMERGENCY OVERVIEW:****Physical Appearance and Odor:**

white paste-like solid, odorless.

**Warning Statements:**

CAUTION! MAY CAUSE SKIN AND EYE IRRITATION.

**B. POTENTIAL HEALTH EFFECTS:****Acute Eye:**

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Slightly irritating. May cause redness, irritation.

**Acute Skin:**

Low acute dermal toxicity. Slightly irritating. May cause redness, irritation.

**Acute Inhalation:**

Inhalation not likely.

**Acute Ingestion:**

Low acute oral toxicity.

**Chronic Effects:**

This product contains ingredients that are considered to be probable or suspected human carcinogens (see Section 11 - Chronic).

**4. FIRST AID MEASURES****FIRST AID MEASURES FOR ACCIDENTAL:****Eye Exposure:**

In case of contact, immediately absorb excess with clean absorbent cloth or cotton. Then, hold eyelids open and flush with a steady, gentle stream of water for at least 15 minutes. Seek medical attention if irritation develops or persists or if visual changes occur.

**Skin Exposure:**

Immediately wipe excess material off skin with a dry cloth; then wash skin with plenty of soap and water. Seek medical attention if irritation develops or persists.

**Inhalation:**

Inhalation is not an expected route of exposure. If respiratory irritation or distress occurs remove victim to fresh air. Seek medical attention if respiratory irritation or distress continues.

**Ingestion:**

If victim is conscious and alert, give 1-2 glasses of water to drink. Do not give anything by mouth to an unconscious person. Seek medical attention. Do not leave victim unattended.

**MEDICAL CONDITIONS POSSIBLY AGGRAVATED BY EXPOSURE:**

No specific information found.

**NOTES TO PHYSICIAN:**

All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred.

Treat symptomatically. No specific antidote available.

**5. FIRE FIGHTING MEASURES**

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**FIRE HAZARD DATA:**

**Flash Point:**  
> 148 C (299 F). Flammability Class: WILL BURN.

**Method Used:**  
Pensky-Martens Closed Cup

<b>Flammability Limits (vol/vol%):</b>	<b>Lower:</b>	<b>Upper:</b>
	No Data	No Data

**Extinguishing Media:**  
Recommended: dry chemical, foam, carbon dioxide.

**Special Fire Fighting Procedures:**  
Firefighters should wear NIOSH/MSHA approved self-contained breathing apparatus and full protective clothing. Cool containers exposed to fire with water.

**Unusual Fire and Explosion Hazards:**  
Product will burn under fire conditions.

**Hazardous Decomposition Materials (Under Fire Conditions):**  
formaldehyde  
oxides of carbon  
silica (crystalline)

**6. ACCIDENTAL RELEASE MEASURES**

**Evacuation Procedures and Safety:**  
Wear appropriate protective gear for the situation. See Personal Protection information in Section 8. CAUTION: Spilled material may make the floor slippery. Do not leave traces of product on floors, ladders, etc., as this may present a slipping hazard.

**Containment of Spill:**  
Follow procedure described below under Cleanup and Disposal of Spill.

**Cleanup and Disposal of Spill:**  
Absorb with an inert absorbent. Scrape up and place in appropriate closed container (see Section 7: Handling and Storage). Clean up residual material with an appropriate solvent like paint thinner or mineral spirits, provided that there is good ventilation and no sources of ignition.

**Environmental and Regulatory Reporting:**  
Do not flush to drain.

**7. HANDLING AND STORAGE**

**Minimum/Maximum Storage Temperatures:**  
 Not Available

**Handling:**  
 Avoid breathing vapors and mists. Avoid direct or prolonged contact with skin and eyes.

**Storage:**  
 Store in tightly closed containers. Store in an area that is dry, well-ventilated.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Introductory Remarks:**  
 These recommendations provide general guidance for handling this product. Because specific work environments and material handling practices vary, safety procedures should be developed for each intended application. While developing safe handling procedures, do not overlook the need to clean equipment and piping systems for maintenance and repairs. Waste resulting from these procedures should be handled in accordance with Section 13: Disposal Considerations.

Assistance with selection, use and maintenance of worker protection equipment is generally available from equipment manufacturers.

This product can form formaldehyde vapors when heated to temperatures above 150 degrees C in the presence of air. Formaldehyde is a potential cancer hazard, a known skin and respiratory sensitizer, and an irritant to the eyes, nose, throat, skin, and digestive system. Safe handling conditions may be maintained by keeping vapor concentrations within the OSHA Permissible Exposure Limit for formaldehyde.

**Exposure Guidelines:**  
 Exposure limits represent regulated or recommended worker breathing zone concentrations measured by validated sampling and analytical methods, meeting the regulatory requirements. The following limits apply to this material, where, if indicated, S=skin and C=ceiling limit:

**CRYSTALLINE SILICA AS QUARTZ**

	Notes	TWA	STEL
ACGIH		0.025 mg/cu m	
OSHA		0.05 mg/cu m	

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QUARTZ (SiO<sub>2</sub>)

	Notes	TWA	STEL
ACGIH		0.025 mg/cu m	
OSHA		0.1 mg/cu m	

**Engineering Controls:**

Where engineering controls are indicated by use conditions or a potential for excessive exposure exists, the following traditional exposure control techniques may be used to effectively minimize employee exposures: general area dilution/exhaust ventilation.

**Respiratory Protection:**

When respirators are required, select NIOSH/MSHA approved equipment based on actual or potential airborne concentrations and in accordance with the appropriate regulatory standards and/or industrial recommendations.

For reasonably foreseeable industrial end uses of this material, respiratory protection should not be necessary.

**Eye/Face Protection:**

Eye and face protection requirements will vary dependent upon work environment conditions and material handling practices. Appropriate ANSI Z87 approved equipment should be selected for the particular use intended for this material.

It is generally regarded as good practice to wear a minimum of safety glasses with side shields when working in industrial environments.

**Skin Protection:**

Skin contact should be minimized through use of gloves and suitable long-sleeved clothing (i.e., shirts and pants). Consideration must be given both to durability as well as permeation resistance.

**Work Practice Controls:**

Personal hygiene is an important work practice exposure control measure and the following general measures should be taken when working with or handling this material:

- (1) Do not store, use, and/or consume foods, beverages, tobacco products, or cosmetics in areas where this material is stored.
- (2) Wash hands and face carefully before eating, drinking, using tobacco, applying cosmetics, or using the toilet.
- (3) Wash exposed skin promptly to remove accidental splashes or contact with this material.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical properties here represent typical properties of this product. Contact the business area using the Product Information phone number in Section 1 for its exact specifications.

**Physical Appearance:**

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white paste-like solid.

**Odor:**  
odorless.

**pH:**  
Not Applicable

**Specific Gravity:**  
1.19 at 25 C (77 F).

**Water Solubility:**  
insoluble

**Melting Point Range:**  
Not Available

**Boiling Point Range:**  
> 260 C (500 F) at 760 mmHg

**Vapor Pressure:**  
< 0.1 mmHg at 20 C (68 F)

**Vapor Density:**  
Not Available

**10. STABILITY AND REACTIVITY**

**Chemical Stability:**  
This material is stable under normal handling and storage conditions described in Section 7.

**Conditions To Be Avoided:**  
extreme heat  
open flame  
spark  
water

**Materials/Chemicals To Be Avoided:**  
strong bases  
strong acids  
strong oxidizing agents

**The Following Hazardous Decomposition Products Might Be Expected:**

**Decomposition Type: thermal**  
dimethylcyclosiloxanes  
methylphenylcyclosiloxanes

**Decomposition Type: oxidative/thermal**  
formaldehyde

**Hazardous Polymerization Will Not Occur.**

Avoid The Following To Inhibit Hazardous Polymerization:  
water

## 11. TOXICOLOGICAL INFORMATION

### Acute Eye Irritation:

No test data found for product.

### Acute Skin Irritation:

No test data found for product.

### Acute Dermal Toxicity:

No test data found for product.

### Acute Respiratory Irritation:

No test data found for product.

### Acute Inhalation Toxicity:

No test data found for product.

### Acute Oral Toxicity:

No test data found for product.

### Chronic Toxicity:

This product contains the substances that are considered to be "probable" or "suspected" human carcinogens as follows:

Ingredient Name	Regulatory Agency Listing Carcinogen			
	OSHA	IARC	NTP	ACGIH
CRYSTALLINE SILICA AS QUARTZ	No	1	No	A2
QUARTZ (SI02)	No	1	No	A2

## 12. ECOLOGICAL INFORMATION

### Ecotoxicological Information:

No data found for product.

### Chemical Fate Information:

No data found for product.

## 13. DISPOSAL CONSIDERATIONS

### Waste Disposal Method:

Chemical additions, processing or otherwise altering this material may make the waste management information presented in this MSDS incomplete, inaccurate or otherwise inappropriate. Please be advised that state and local requirements for waste disposal may be more restrictive or otherwise different from federal laws and regulations.

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Consult state and local regulations regarding the proper disposal of this material.

**Container Handling and Disposal:**

Any containers or equipment used should be decontaminated immediately after use.

EPA Hazardous Waste - NO

#### 14. TRANSPORTATION INFORMATION

**Transportation Status:** IMPORTANT! Statements below provide additional data on listed DOT classification.

The listed Transportation Classification does not address regulatory variations due to changes in package size, mode of shipment or other regulatory descriptors.

US Department of Transportation

**Shipping Name:**

NOT REGULATED

#### 15. REGULATORY INFORMATION

**Inventory Status**

Inventory	Status
UNITED STATES (TSCA)	Y
CANADA (DSL)	Y
EUROPE (EINECS/ELINCS)	P
AUSTRALIA (AICS)	Y
JAPAN (MITI)	Y
SOUTH KOREA (KECL)	Y

Y = All ingredients are on the inventory.

E = All ingredients are on the inventory or exempt from listing.

P = One or more ingredients fall under the polymer exemption or are on the no longer polymer list. All other ingredients are on the inventory or exempt from listing.

N = Not determined or one or more ingredients are not on the inventory and are not exempt from listing.

**FEDERAL REGULATIONS****Inventory Issues:**

All functional components of this product are listed on the TSCA Inventory.

**SARA Title III Hazard Classes:**

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Fire Hazard - NO  
 Reactive Hazard - NO  
 Release of Pressure - NO  
 Acute Health Hazard - NO  
 Chronic Health Hazard - YES

**STATE REGULATIONS:**

This product does not contain any components that are regulated under California Proposition 65.

**16. OTHER INFORMATION****National Fire Protection Association Hazard Ratings--NFPA(R):**

1 Health Hazard Rating--Slight  
 1 Flammability Rating--Slight  
 0 Instability Rating--Minimal

**National Paint & Coating Hazardous Materials Identification System--HMIS(R):**

1 Health Hazard Rating--Slight  
 1 Flammability Rating--Slight  
 0 Reactivity Rating--Minimal

**Reason for Revisions:**

Change and/or addition made to Exposure Limits in Section 8.

**Key Legend Information:**

ACGIH - American Conference of Governmental Industrial Hygienists  
 OSHA - Occupational Safety and Health Administration  
 TLV - Threshold Limit Value  
 PEL - Permissible Exposure Limit  
 TWA - Time Weighted Average  
 STEL - Short Term Exposure Limit  
 NTP - National Toxicology Program  
 IARC - International Agency for Research on Cancer  
 ND - Not determined  
 Bluestar - Bluestar Silicones Established Exposure Limits

**Disclaimer:**

The information herein is given in good faith but no warranty, expressed or implied, is made.

**\*\*End Of MSDS Document\*\***

RHODORSIL V-1022 PART B

Date Prepared: 8/07/07

Supersedes Date: 3/14/05

## 1. PRODUCT AND COMPANY DESCRIPTION

Bluestar Silicones  
911 E. White Street  
Rock Hill, SC US

### Emergency Phone Numbers:

FOR EMERGENCIES INVOLVING A SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT  
CONTACT: CHEMTREC (800-424-9300 within the United States or  
703-527-3887 for international collect calls).

### For Product Information:

803-329-5260

### Chemical Name or Synonym:

ORGANOSILANE ESTERS

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS Reg Number	OSHA Hazard	Percentage
SILICIC ACID (H4SI04), TETRAETHYL ESTER	78-10-4	Y	
METHANOL	67-56-1	Y	
ETHANOL	64-17-5	Y	
ETHANEDIAMINE	107-15-3	Y	

## 3. HAZARDS IDENTIFICATION

### A. EMERGENCY OVERVIEW:

**Physical Appearance and Odor:**  
amber / liquid, amine odor.

### Warning Statements:

WARNING!! FLAMMABLE LIQUID. METHYLETHYLKETOXIME (96-29-7) EMITTED IN THE PRESENCE OF MOISTURE OR DURING CURING MAY CAUSE EYE IRRITATION AND POSSIBLE SKIN SENSITIZATION. If moisture is present, methanol may be emitted before and during curing and is irritating to eyes, skin and respiratory tract. Methanol, at high concentrations, can have central nervous system effects and may cause blindness if swallowed (unlikely route for exposure in this form).

### B. POTENTIAL HEALTH EFFECTS:

**Acute Eye:**

Methanol, emitted during curing, may cause redness, irritation, Liquid methylethylketoxime is a severe eye irritant. Its vapors, emitted during curing, may cause eye irritation in confined, poorly ventilated areas.

**Acute Skin:**

Low acute dermal toxicity. Methanol, emitted during curing, may cause redness, dryness, loss of natural oils, irritation.

**Acute Inhalation:**

Harmful if inhaled. Methanol, emitted during curing, may cause dizziness, headache, respiratory tract irritation, Methylethylketoxime when ingested or absorbed through the skin can cause loss of coordination and stupor, an excess of methemaglobin in blood and bluish-purple discoloration of skin. such effects would be seen from vapors emitted during the curing of this product unless exposure took place in a confined space. The vapors may cause respiratory tract irritation.

**Acute Ingestion:**

Practically non-toxic. May cause blindness.

**Chronic Effects:**

This product does not contain any ingredient designated by IARC, NTP, ACGIH or OSHA as probable or suspected human carcinogens. Male rats and mice exposed to very high concentrations of methylethylketoxime throughout their lifetime developed liver tumors. Since many commonly used chemicals cause liver cancer in rats and mice, additional testing is underway to determine if this information has any relevance to humans.

**4. FIRST AID MEASURES****FIRST AID MEASURES FOR ACCIDENTAL:****Eye Exposure:**

In case of contact, immediately absorb excess with clean absorbent cloth or cotton. Then, hold eyelids open and flush with a steady, gentle stream of water for at least 15 minutes. Seek medical attention if irritation develops or persists or if visual changes occur.

**Skin Exposure:**

Immediately wipe excess material off skin with a dry cloth; then wash skin with plenty of soap and water. Seek medical attention if irritation develops or persists.

**Inhalation:**

If respiratory irritation or distress occurs remove victim to fresh air. Seek medical attention if respiratory irritation or distress continues.

**Ingestion:**

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If victim is conscious and alert, give 1-2 glasses of water to drink. Do not give anything by mouth to an unconscious person. Seek medical attention. Do not leave victim unattended.

**MEDICAL CONDITIONS POSSIBLY AGGRAVATED BY EXPOSURE:**

No specific information found.

**NOTES TO PHYSICIAN:**

All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred.

Treat symptomatically. No specific antidote available.

## 5. FIRE FIGHTING MEASURES

**FIRE HAZARD DATA:****Flash Point:**

44 C (111 F). Flammability Class: FLAMMABLE.

**Method Used:**

Pensky-Martens Closed Cup

**Flammability Limits (vol/vol%):**

**Lower:**  
1.3

**Upper:**  
36

**Extinguishing Media:**

Recommended: dry chemical, foam, carbon dioxide.

**Special Fire Fighting Procedures:**

Firefighters should wear NIOSH/MSHA approved self-contained breathing apparatus and full protective clothing. Cool containers exposed to fire with water.

**Unusual Fire and Explosion Hazards:**

This product has a flash point as indicated above. However it does not sustain combustion as determined by a test method specified in 49 CFR 173 - Appendix H to Part 173 Method for Sustained Combustibility. Storage practices should be in accordance with local fire code requirements.

**Hazardous Decomposition Materials (Under Fire Conditions):**

formaldehyde  
oxides of carbon  
silica

## 6. ACCIDENTAL RELEASE MEASURES

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**Evacuation Procedures and Safety:**

Wear appropriate protective gear for the situation. See Personal Protection information in Section 8. CAUTION: Spilled material may make the floor slippery. Do not leave traces of product on floors, ladders, etc., as this may present a slipping hazard.

**Containment of Spill:**

Follow procedure described below under Cleanup and Disposal of Spill.

**Cleanup and Disposal of Spill:**

Absorb with an inert absorbent. Scrape up and place in appropriate closed container (see Section 7: Handling and Storage). Clean up residual material with an appropriate solvent like paint thinner or mineral spirits, provided that there is good ventilation and no sources of ignition.

**Environmental and Regulatory Reporting:**

Do not flush to drain.

**7. HANDLING AND STORAGE****Minimum/Maximum Storage Temperatures:**

Not Available

**Handling:**

Avoid breathing vapors and mists. Avoid direct or prolonged contact with skin and eyes.

**Storage:**

Store in tightly closed containers. Store in an area that is clean, dry, well-ventilated, away from combustible material, away from ignition sources, away from incompatible materials (see Section 10. Stability and Reactivity).

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Introductory Remarks:**

These recommendations provide general guidance for handling this product. Because specific work environments and material handling practices vary, safety procedures should be developed for each intended application. While developing safe handling procedures, do not overlook the need to clean equipment and piping systems for maintenance and repairs. Waste resulting from these procedures should be handled in accordance with Section 13: Disposal Considerations.

Assistance with selection, use and maintenance of worker protection equipment is generally available from equipment manufacturers.

This product can form formaldehyde vapors when heated to temperatures above 150 degrees C in the presence of air. Formaldehyde is a potential

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cancer hazard, a known skin and respiratory sensitizer, and an irritant to the eyes, nose, throat, skin, and digestive system. Safe handling conditions may be maintained by keeping vapor concentrations within the OSHA Permissible Exposure Limit for formaldehyde.

**Exposure Guidelines:**

Exposure limits represent regulated or recommended worker breathing zone concentrations measured by validated sampling and analytical methods, meeting the regulatory requirements. The following limits apply to this material, where, if indicated, S=skin and C=ceiling limit:

**SILICIC ACID (H<sub>4</sub>SiO<sub>4</sub>), TETRAETHYL ESTER**

	Notes	TWA	STEL
ACGIH		10 ppm	
OSHA		10 ppm	
OSHA		85 mg/cu m	

**METHANOL**

	Notes	TWA	STEL
ACGIH	S	200 ppm	250 ppm
OSHA	S	200 ppm	325 mg/cu m
OSHA	S	260 mg/cu m	250 ppm

**ETHANOL**

	Notes	TWA	STEL
ACGIH		1000 ppm	
OSHA		1000 ppm	
OSHA		1900 mg/cu m	

**ETHANEDIAMINE**

	Notes	TWA	STEL
ACGIH	S	10 ppm	
OSHA		10 ppm	
OSHA		25 mg/cu m	

**Engineering Controls:**

Where engineering controls are indicated by use conditions or a potential for excessive exposure exists, the following traditional

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exposure control techniques may be used to effectively minimize employee exposures: general area dilution/exhaust ventilation.

**Respiratory Protection:**

When respirators are required, select NIOSH/MSHA approved equipment based on actual or potential airborne concentrations and in accordance with the appropriate regulatory standards and/or industrial recommendations.

Under normal conditions, in the absence of other airborne contaminants, the following devices should provide protection from this material up to the conditions specified by the appropriate OSHA, WHMIS or ANSI standard(s): Air-purifying (half-mask/full-face) respirator with cartridges/canister approved for use against organic vapors.

**Eye/Face Protection:**

Eye and face protection requirements will vary dependent upon work environment conditions and material handling practices. Appropriate ANSI Z87 approved equipment should be selected for the particular use intended for this material.

It is generally regarded as good practice to wear a minimum of safety glasses with side shields when working in industrial environments.

**Skin Protection:**

Skin contact should be minimized through use of gloves and suitable long-sleeved clothing (i.e., shirts and pants). Consideration must be given both to durability as well as permeation resistance.

**Work Practice Controls:**

Personal hygiene is an important work practice exposure control measure and the following general measures should be taken when working with or handling this material:

- (1) Do not store, use, and/or consume foods, beverages, tobacco products, or cosmetics in areas where this material is stored.
- (2) Wash hands and face carefully before eating, drinking, using tobacco, applying cosmetics, or using the toilet.
- (3) Wash exposed skin promptly to remove accidental splashes or contact with this material.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Physical and Chemical properties here represent typical properties of this product. Contact the business area using the Product Information phone number in Section 1 for its exact specifications.

**Physical Appearance:**

amber / liquid.

**Odor:**

amine odor.

**pH:**

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Not Applicable

**Specific Gravity:**  
1.03 at 25 C (77 F).

**Water Solubility:**  
slowly hydrolyses

**Melting Point Range:**  
Not Available

**Boiling Point Range:**  
> 77 C (171 F) at 760 mmHg

**Vapor Pressure:**  
< 2 mmHg at 20 C (68 F)

**Vapor Density:**  
Not Available

**10. STABILITY AND REACTIVITY**

**Chemical Stability:**  
This material is stable under normal handling and storage conditions described in Section 7.

**Conditions To Be Avoided:**  
combustible materials  
heat  
open flame  
spark  
static electricity  
water  
extreme humidity

**Materials/Chemicals To Be Avoided:**  
moisture  
water  
iron  
strong bases  
strong acids  
strong oxidizing agents

**The Following Hazardous Decomposition Products Might Be Expected:**

**Decomposition Type: hydrolysis**  
methanol  
ethanol  
methylethylketoxime

**Decomposition Type: thermal**  
dimethylcyclosiloxanes  
methylphenylcyclosiloxanes

**Decomposition Type:** oxidative/thermal  
formaldehyde

**Hazardous Polymerization Will Not Occur.**

**Avoid The Following To Inhibit Hazardous Polymerization:**  
not applicable

## 11. TOXICOLOGICAL INFORMATION

### Acute Eye Irritation:

#### Toxicological Information and Interpretation

eye - eye irritation, rabbit.

Severely irritating. Data for methylethylketoxime, emitted during curing.

### Acute Skin Irritation:

Methylethylketoxime is a strong dermal sensitizer to guinea pig skin, but this effect has not been observed in humans. This effect would not be likely from vapor exposure when methylethylketoxime is emitted during curing of this product.

#### Toxicological Information and Interpretation

skin - skin irritation, rabbit.

Slightly irritating. Data for methylethylketoxime, emitted during curing.

### Acute Dermal Toxicity:

No test data found for product.

### Acute Respiratory Irritation:

No test data found for product.

### Acute Inhalation Toxicity:

No test data found for product.

### Acute Oral Toxicity:

#### Toxicological Information and Interpretation

LD50 - lethal dose 50% of test species, 930 mg/kg, rat.

Data for methylethylketoxime, emitted during curing.

### Chronic Toxicity:

This product does not contain any substances that are considered by OSHA, NTP, IARC or ACGIH to be "probable" or "suspected" human carcinogens.

In a subchronic oral toxicity animal study, methylethylketoxime produced anemia. This was found for all dose levels tested. In an acute dermal animal study, 200 mg/kg caused mild blood effects. No effects were seen at 20 mg/kg. Liver carcinomas were observed in a lifetime inhalation study in which mice and rats were exposed to methylethylketoxime for 6

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hr/day, 5 days/week for 18 and 26 months, respectively. These carcinomas were statistically increased in males at a concentration of 375 ppm. In addition, degenerative effects on the olfactory epithelium of the nasal passages occurred in a concentration related manner in males and females of both species at concentrations of 15, 75 and 375 ppm.

**12. ECOLOGICAL INFORMATION**

**Ecotoxicological Information:**  
No data found for product.

**Chemical Fate Information:**  
No data found for product.

**13. DISPOSAL CONSIDERATIONS**

**Waste Disposal Method:**  
Chemical additions, processing or otherwise altering this material may make the waste management information presented in this MSDS incomplete, inaccurate or otherwise inappropriate. Please be advised that state and local requirements for waste disposal may be more restrictive or otherwise different from federal laws and regulations. Consult state and local regulations regarding the proper disposal of this material.

**Container Handling and Disposal:**  
Any containers or equipment used should be decontaminated immediately after use.

EPA Hazardous Waste - NO

**14. TRANSPORTATION INFORMATION**

**Transportation Status:** IMPORTANT! Statements below provide additional data on listed DOT classification.

The listed Transportation Classification does not address regulatory variations due to changes in package size, mode of shipment or other regulatory descriptors.

This product does not sustain combustion as determined by a test method specified in 49 CFR 173 - Appendix H to Part 173 Method for Sustained Combustibility.

US Department of Transportation

**Shipping Name:**  
NOT REGULATED

**15. REGULATORY INFORMATION**

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**Inventory Status**

<b>Inventory</b>	<b>Status</b>
UNITED STATES (TSCA)	Y
CANADA (DSL)	Y
EUROPE (EINECS/ELINCS)	Y
AUSTRALIA (AICS)	Y
JAPAN (MITI)	N
SOUTH KOREA (KECL)	N

Y = All ingredients are on the inventory.

E = All ingredients are on the inventory or exempt from listing.

P = One or more ingredients fall under the polymer exemption or are on the no longer polymer list. All other ingredients are on the inventory or exempt from listing.

N = Not determined or one or more ingredients are not on the inventory and are not exempt from listing.

**FEDERAL REGULATIONS****Inventory Issues:**

All functional components of this product are listed on the TSCA Inventory.

**SARA Title III Hazard Classes:**

Fire Hazard - YES  
 Reactive Hazard - NO  
 Release of Pressure - NO  
 Acute Health Hazard - YES  
 Chronic Health Hazard - NO

**SARA 313 Chemicals**

METHANOL (%)

**SARA Extremely Hazardous Substances (EHS)/CERCLA Hazardous Substances**

<b>Ingredient</b>	<b>CERCLA/SARA RQ</b>	<b>SARA EHS TPQ</b>
METHANOL	5000 lbs	
ETHANEDIAMINE	5000 lbs	10000 lbs

**STATE REGULATIONS:**

This product does not contain any components that are regulated under California Proposition 65.

**16. OTHER INFORMATION****National Fire Protection Association Hazard Ratings--NFPA(R):**

3 Health Hazard Rating--Serious  
 2 Flammability Rating--Moderate  
 0 Instability Rating--Minimal

**National Paint & Coating Hazardous Materials Identification System--HMIS(R):**

Distributed By  
 Freeman Manufacturing & Supply Co.  
 www.freemansupply.com 800-321-8511



RHODORSIL V-1022 PART B

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2 Health Hazard Rating--Moderate  
3 Flammability Rating--Serious  
0 Reactivity Rating--Minimal

**Reason for Revisions:**

Change and/or addition made to SARA 313 Information in Section 15.

**Key Legend Information:**

ACGIH - American Conference of Governmental Industrial Hygienists

OSHA - Occupational Safety and Health Administration

TLV - Threshold Limit Value

PEL - Permissible Exposure Limit

TWA - Time Weighted Average

STEL - Short Term Exposure Limit

NTP - National Toxicology Program

IARC - International Agency for Research on Cancer

ND - Not determined

Bluestar - Bluestar Silicones Established Exposure Limits

**Disclaimer:**

The information herein is given in good faith but no warranty, expressed or implied, is made.

**\*\*End Of MSDS Document\*\***

