

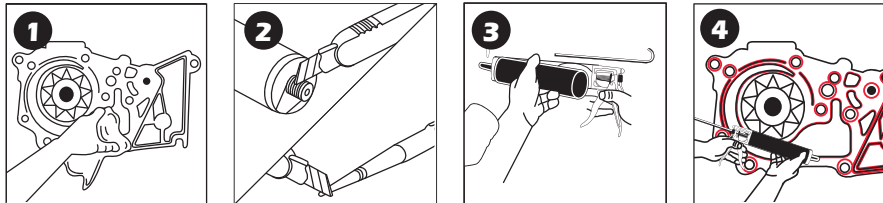
### SILICÓN ALTA TEMPERATURA

El silicón Dogotuls® de Alta Temperatura está diseñado para proporcionar una unión duradera a prueba de agua cuando se expone a temperaturas continuas de hasta 260°C y 315°C durante periodos intermitentes. Su formula actúa como aislante térmico y eléctrico entre superficies lisas por lo que es ideal para sellar alrededor de elementos de calefacción, hornos industriales, chimeneas y un amplio rango de aplicaciones en la industria automotriz. Además cuenta con la aprobación de NSF (National Sanitation Fundation) por lo que puede utilizarlo con confianza.

#### Instrucciones y Modo de empleo:

Para mejores resultados sugerimos realice una prueba para familiarizarse con las técnicas correctas de aplicación.

1. Las superficies que desea unir o sellar deberán estar limpias y secas, libres de cualquier grasa, aceite, sellador, pintura o recubrimiento que puedan intervenir en la adherencia del silicón.
2. Corte la punta del cartucho y atornille la boquilla. Corte la boquilla al tamaño deseado
3. Coloque la botella en la pistola para silicón (revise el catalogo Dogotuls® para ver los modelos disponibles).
4. Aplique el producto de manera uniforme y continua sobre las superficies.
5. Limpie el exceso de material con alcohol mineral o un solvente similar.



#### Almacenamiento

Manténganse en un lugar seco con temperatura por debajo de los 25°C. Evite exponer el cartucho al sol. Revise la fecha de vigencia impresa en la botella.

**PRECAUCIÓN:** Utilizar únicamente en exteriores o en un lugar bien ventilado. El sellador libera ácido acético durante el curado. El material no polimerizado puede causar irritación en la piel, ojos y vías respiratorias. Nivel de toxicidad Desconocido.

**PRIMEROS AUXILIOS: CONTACTO CON LOS OJOS:** Enjuague los ojos y debajo de los párpados inmediatamente con abundante agua corriente durante 15 minutos y solicite ayuda médica. Mantenga el ojo bien abierto mientras se lava y retire los lentes de contacto en caso de ser necesario para continuar con el lavado. No frote el área afectada. **CONTACTO CON LA PIEL:** Lavar con agua y jabón como precaución. Obtenga atención médica si se presentan síntomas. **INHALACIÓN:** Dirijase a un área bien ventilada y busque atención médica en caso de presentar algún síntoma. **INGESTIÓN:** Si se ingiere, NO inducir el vómito. Enjuague la boca con abundante agua y acuda a su médico en caso de que presente cualquier síntoma. Mostrar esta ficha de seguridad al doctor con el que acuda. **PRINCIPALES SÍNTOMAS Y EFECTOS, AGUDOS Y RETARDADOS:** Ninguno conocido.

**NOTAS PARA EL MÉDICO:** Tratar sintomáticamente. **INFORMACIÓN ADICIONAL:** En caso que los síntomas persistan o presentar malestar, acuda inmediatamente al médico.

**EN CASO DE EMERGENCIA:** Llame al número local correspondiente. **MANTENGA EL PRODUCTO ALEJADO DEL ALCANCE DE LOS NIÑOS.** Guardar bajo llave. Sólo para uso profesional.

#### Garantía

HERRAMIENTAS IMPORTADAS MONTERREY SA de CV responde por la calidad de los materiales del producto dentro de la vigencia del mismo. Es total responsabilidad del usuario realizar las pruebas previas así como la correcta aplicación del producto.



#### Propiedades:

- Color: Rojo
- Tiempo de Secado al tacto.....6 minutos
- Tiempo de fijación.....15 minutos
- Tiempo de secado.....24 horas
- Elongación.....500%
- Dureza (Shore A).....30+/-5
- Resistencia a la tensión: 350 psi
- Extrusión: 335g/min
- Resistencia a rayos UV.....Excelente

### 1. CHEMICAL PRODUCT & COMPANY IDENTIFICATION

**Product Brand Name:** PY4005 - SILICÓN ROJO DE ALTA TEMPERATURA  
**Other Names/Synonyms:** None  
**Recommended Use:** Sealant - Other  
**Uses advised against:** No information available

#### Company Contact Information

Herramientas Importadas  
Monterrey S A de C V  
Concordia #4601 Col. Centro, Apodaca,  
N.L., México CP 66600

#### Emergency Telephone Number

Llame a su número de Emergencia local en caso de ser necesario

### 2. HAZARDS IDENTIFICATION

#### GHS Classification

Not a hazardous substance or mixture.

#### GHS Label element

Not a hazardous substance or mixture.

#### Precautionary Statements - Prevention

P271: Use only outdoors or in a well-ventilated area

#### Other Hazards

None known

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Substance:** Mixture

**Chemical Nature:** Silicone elastomer

<u>CAS Number</u>	<u>*Wt %</u>	<u>Component Name</u>
64742-46-7	5 - 10	Distillates (petroleum), hydrotreated middle
7631-86-9	5 - 10	Silicone Dioxide
1333-86-4	0.1 - 1	Carbon Black
13463-67-7	1 - 5	Titanium Dioxide
7429-90-5	1 - 5	Aluminum

\*The exact percentage (concentration) of composition has been withheld as a trade secret.

#### 4. FIRST AID MEASURES

**General Advice:** Show this safety data sheet to the doctor in attendance.

**Eye Contact**

Flush eyes with water as a precaution. Get medical attention if irritation develops and persists.

**Skin Contact**

Wash with water and soap as a precaution. Get medical attention if symptoms occur.

**Inhalation**

If inhaled, remove to fresh air. Get medical attention if symptoms occur.

**Ingestion**

If swallowed, DO NOT induce vomiting. Get medical attention if symptoms occur. Rinse mouth thoroughly with water.

**Self-protection of the first aider**

No special precautions are necessary for first aid responders

**Most important symptoms and effects, both acute and delayed**

None known

**Notes to Physician**

Treat symptomatically and supportively

**Additional Information**

In the case of accident or if you feel unwell, seek medical advice immediately. When symptoms persist or in all cases of doubt seek medical advice.

#### 5. FIRE FIGHTING MEASURES

**Suitable Extinguishing Media**

Water spray; Alcohol-resistant foam; Dry chemical; Carbon Dioxide

**Unsuitable extinguishing media**

None

**Specific Extinguishing Methods**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Use spray water to cool unopened containers. Remove undamaged containers from fire area if it is safe to do so. Evacuate area.

**Hazardous Combustion Products**

Carbon oxides; Silicon oxides; Formaldehyde, Metal Oxides

**Specific Hazards during Fire Fighting**

Exposure to combustion products may be a hazard to health

**Protective equipment and precautions for firefighters**

Wear self-contained breathing apparatus for firefighting if necessary. Use personal protective equipment.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

#### Personal Precautions

Follow safe handling advice and personal protective equipment recommendations.

### Environmental Precautions

#### Environmental Precautions

Discharge into the environment must be avoided. Prevent further leakage or spillage if safe to do so. Retain and dispose of contaminated wash water. Local authorities should be advised if significant spillages cannot be contained.

### Methods and material for containment and cleaning up

#### Methods for Containment and Cleaning Up

Soak up with inert absorbent material. For large spills, provide diking or other appropriate containment to keep material from spreading. If diked material can be pumped, store recovered material in appropriate container. Clean up remaining materials from spill with suitable absorbent. Local or national regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. You will need to determine which regulations are applicable. Sections 13 and 15 of this SDS provide information regarding certain local or national requirements.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

#### Technical measures

See Engineering measures under EXPOSURE CONTROLS/PERSONAL PROTECTION section

#### Advice on handling

Handle in accordance with good industrial hygiene and safety practice. Take care to prevent spills, waste and minimize release to the environment.

#### Local/Total ventilation

Use only with adequate ventilation

#### Conditions for safe storage

Keep in properly labeled containers; Store in accordance with the particular national regulations

#### Materials to avoid

Do not store with the following product types: Strong oxidizing agents

### 8. EXPOSURE CONTROLS & PERSONAL PROTECTION

#### Exposure Guidelines

Chemical Name	Value type (Form of exposure)	Control parameters/Permissible concentration	Basis
Distillates (Petroleum), Hydro treated middle (CAS# 64742-46-7)	TWA (Mist)	5 mg/m <sup>3</sup>	OSHA Z-1
	TWA (Mist)	5 mg/m <sup>3</sup>	OSHA PO
	TWA (Mist)	5 mg/m <sup>3</sup>	NIOSHE REL
	ST (Mist)	10 mg/m <sup>3</sup>	NIOSHE REL
Silicon dioxide (CAS# 7631-86-9)	TWA (Dust)	20 million particles per cubic foot (Silica)	OSHA Z-3
	TWA (Dust)	80 mg/m <sup>3</sup> / %SiO <sub>2</sub> (Silica)	OSHA Z-3
	TWA	6 mg/m <sup>3</sup> (Silica)	NIOSH REL
Titanium dioxide (CAS# 13463-67-7)	TWA (total dust)	15 mg/m <sup>3</sup>	OSHA Z-1
	TWA	10 mg/m <sup>3</sup> (TiO <sub>2</sub> )	ACGIH
Aluminum (CAS# 7429-90-5)	TWA (respirable)	5 mg/m <sup>3</sup>	NIOSH REL
	TWA (total)	10 mg/m <sup>3</sup>	NIOSH REL
	TWA (total dust)	15 mg/m <sup>3</sup>	OSHA Z-1
	TWA (respirable fraction)	5 mg/m <sup>3</sup>	OSHA Z-1
	TWA (pyro powders)	5 mg/m <sup>3</sup>	NIOSH REL
	TWA (respirable fraction)	1 mg/m <sup>3</sup>	ACGIH
Carbon black	TWA	3.5 mg/m <sup>3</sup>	NIOSH REL
CAS# (1333-86-4)	TWA	3.5 mg/m <sup>3</sup>	OSHA Z-1
	TWA (inhalable fraction)	3 mg/m <sup>3</sup>	ACGIH

ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits Immediately Dangerous to Life or Health

#### Individual protection measures, such as personal protective equipment

##### Eye/Face Protection

Wear safety glasses

##### Skin and Body Protection

Skin should be washed after contact

##### Hand protection remarks

Wash hands before breaks and at the end of the workday

### Respiratory Protection

General and local exhaust ventilation is recommended to maintain vapor exposures below recommended limits. Where concentrations are above recommended limits or are unknown, appropriate respiratory protection should be worn. Follow OSHA respirator regulations (29 CFR 1910.134) and use NIOSH/MSHA approved respirators. Protection provided by air purifying respirators against exposure to any hazardous chemical is limited. Use a positive pressure air supplied respirator if there is any potential for uncontrolled release, exposure levels are unknown, or any other circumstance where air purifying respirators may not provide adequate protection.

### Hygiene Measures

Ensure that eye flushing systems and safety showers are located close to the working place. When using, do not eat, drink or smoke. Wash contaminated clothing before re-use. These precautions are for room temperature handling. Use at elevated temperature or aerosol/spray applications may require added precautions.

### Engineering Measures

Processing may form hazardous compounds (see section 10). Ensure adequate ventilation, especially in confined areas. Minimize workplace exposure concentrations. Dust formation may be relevant in the processing of this product. In addition to substance-specific OEL's, general limitations of concentrations of particulates in the air at work-places have to be considered in workplace risk assessment. Relevant limits include: OSHA PEL for Particulates Not Otherwise Regulated of 15 mg/m<sup>3</sup> – total dust, 5 mg/m<sup>3</sup> – respirable fraction; and ACGIH TWA for Particles (insoluble or poorly soluble) Not Otherwise Specified of 3 mg/m<sup>3</sup> –respirable particles, 10 mg/m<sup>3</sup> – inhalable particles.

## 9. PHYSICAL & CHEMICAL PROPERTIES

Physical Form: Paste  
Color: Red  
Odor: Acetic acid  
Odor Threshold: No information available

<u>Property</u>	<u>Values</u>	<u>Remarks Method</u>
pH	UNKNOWN	None known
Melting / freezing point	No data available	None known
Boiling point / boiling range	No data available	None known
Flash Point	>100°C	Closed cup method
Evaporation Rate	No data available	None known
Flammability (solid, gas)	Not classified as a flammability hazard	
Flammability Limit in Air		
Upper flammability limit	No data available	
Lower flammability limit	No data available	
Vapor pressure	No data available	None known
Vapor density	No data available	None known
Relative density	1.007	None known
Water Solubility	No data available	None known
Solubility in other solvents	No data available	None known
Partition coefficient: n-octanol/water	No data available	None known
Autoignition temperature	No data available	None known
Decomposition temperature	No data available	None known
Kinematic viscosity	No data available	None known
Dynamic viscosity	No data available	None known
Explosive properties	Not explosive	
Oxidizing Properties	The substance or mixture is not classified as oxidizing	

### Other Information

Softening Point	No data available
VOC Content (g/L)	<29
Particle Size	No data available
Particle Size Distribution	No data available

### 10. STABILITY AND REACTIVITY

**Reactivity**

Not classified as a reactivity hazard

**Chemical stability**

Stable under recommended storage conditions.

**Possibility of Hazardous Reactions**

Use at elevated temperatures may form highly hazardous compounds. Can react with strong oxidizing agents. Acetic acid is formed upon contact with water or humid air. When heated to

temperatures above 150°C (300°F) in the presence of air, trace quantities of formaldehyde may be released. Adequate ventilation is required. See OSHA formaldehyde standards, 29 CFR 1910.1048 Hazardous decomposition products will be formed at elevated temperatures.

**Conditions to avoid**

None known based on information supplied.

**Incompatible materials**

Oxidizing agents

**Hazardous Decomposition Products**

Formaldehyde

### 11. TOXICOLOGICAL INFORMATION

**Information on likely routes of exposure**

Skin contact, Ingestion, Eye contact

**Acute toxicity**

Not classified based on available information

**Product**

Acute inhalation toxicity: Acute toxicity estimate: > 10 mg/l

Exposure time: 4 hours

Test atmosphere: dust/mist

Method: calculation method

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Distillates (Petroleum), Hydro treated middle (CAS# 64742-46-7)	> 5,000 mg/kg (rat)	> 2,000 mg/kg (rat)	1.78 mg/L (rat/4h/dust)
Silicon dioxide (CAS# 7631-86-9)	> 3300 mg/kg (rat) Assessment: The substance or mixture has no acute oral toxicity Remarks: Information taken from reference works and the literature.	> 5,000 mg/kg (rabbit) Assessment: The substance or mixture has no acute dermal toxicity Remarks: Information taken from reference works and the literature.	>2.08 mg/L (rat/4h/dust) Assessment: The substance or mixture has no acute inhalation toxicity Remarks: Information taken from reference works and the literature.

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Titanium dioxide (CAS# 13463-67-7)	> 5000 mg/kg (rat)	-	>6.82 mg/L (rat/4h/dust) Assessment: The substance or mixture has no acute inhalation toxicity
Aluminum (CAS# 7429-90-5)	> 5000 mg/kg (rat) Method: OECD Test Guideline 401 Remarks: Based on data from similar materials	-	>0.888 mg/L (rat/4h/dust) Method: OECD Test Guideline 403 Assessment: The substance or mixture has no acute inhalation toxicity
Carbon black CAS# (1333-86-4)	> 5000 mg/kg (rat)	-	>0.0046 mg/L (rat/4h/dust) Assessment: The substance or mixture has no acute inhalation toxicity

### Skin corrosion/irritation

Not classified based on available information.

#### Ingredients

##### Silicon dioxide:

Result: No skin irritation

Remarks: Information taken from reference works and the literature.

##### Titanium dioxide:

Species: Rabbit

Result: No skin irritation

##### Aluminum:

Species: Rabbit

Method: OECD Test Guideline 404

Result: No skin irritation

Remarks: Based on data from similar materials

##### Carbon black:

Species: Rabbit

Result: No skin irritation

### Serious eye damage/ eye irritation

Not classified based on available information

#### Ingredients

##### Silicon dioxide:

Result: No eye irritation

Remarks: Information taken from reference works and the literature.

##### Titanium dioxide:

Species: Rabbit

Result: No eye irritation

##### Aluminum:

Species: Rabbit

Result: No eye irritation

Remarks: Based on data from similar materials

##### Carbon black:

Species: Rabbit

Result: No eye irritation



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### Respiratory or skin sensitization:

Skin sensitization: Not classified based on available information.  
Respiratory sensitization: Not classified based on available information.

### **Ingredients**

#### Silicon dioxide:

Result: Does not cause skin sensitization  
Test type: Skin; test type not specified  
Species: Guinea pig  
Remarks: No known sensitizing effect  
Remarks: Information taken from reference works and the literature.

#### Titanium dioxide:

Test Type: Local lymph node assay (LLNA)  
Routes of exposure: Skin contact  
Species: Mouse  
Result: negative

#### Aluminum:

Routes of exposure: Skin contact  
Species: Guinea pig  
Result: negative  
Remarks: Based on data from similar materials

#### Carbon black:

Test Type: Buehler Test  
  
Routes of exposure: Skin contact  
Species: Guinea pig  
Method: OECD Test Guideline 406  
Result: negative

### Germ cell mutagenicity

Not classified based on available information

### **Ingredients**

#### Silicon dioxide:

Genotoxicity in vitro: Result: negative  
Remarks: Information taken from reference works and the literature.

Genotoxicity in vivo: Application Route: Ingestion  
Result: negative  
Remarks: Information taken from reference works and the literature.

Germ cell mutagenicity: Assessment: Animal testing did not show any mutagenic effects.

#### Titanium dioxide:

Genotoxicity in vitro: Test Type: Bacterial reverse mutation assay (AMES)  
Result: negative

Genotoxicity in vivo: Test Type: In vivo micronucleus test  
Species: Mouse  
Result: negative

#### Aluminum:

Genotoxicity in vitro: Test Type: In vitro mammalian cell gene mutation test  
Method: OECD Test Guideline 476  
Result: negative

Genotoxicity in vivo: Test Type: In vivo micronucleus test  
Species: Rat  
Application Route: Ingestion  
Method: OECD Test Guideline 474  
Result: negative  
Remarks: Based on data from similar materials

#### Carbon black:

Genotoxicity in vitro: Test Type: Bacterial reverse mutation assay (AMES)  
Result: negative

### Carcinogenicity

Not classified based on available information

#### Titanium dioxide:

Species: Rat

Application Route: inhalation (dust/mist/fume)

Exposure time: 24 Months

Method: OECD Test Guideline 453

Result: positive

Remarks: The mechanism or mode of action may not be relevant in humans. The substance is inextricably bound in the product and therefore does not contribute to a dust inhalation hazard.

Carcinogenicity - Assessment: Limited evidence of carcinogenicity in inhalation studies with animals.

#### Aluminum:

Species: Rat

Application Route: inhalation (dust/mist/fume)

Exposure time: 86 weeks

Result: negative

**IARC** Group 2B: Possibly carcinogenic to humans

Titanium Dioxide (CAS# 13463-67-7)

Carbon Black (CAS# 1333-86-4)

**OSHA** No ingredient of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA

**NTP** No ingredient of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP

### Reproductive Toxicity

Not classified based on available information

#### Aluminum:

Effects on fertility

Test Type: Combined repeated dose toxicity study with the reproduction/developmental toxicity screening

Species: Rat

Application Route: Ingestion

Method: OECD Test Guideline 422

Results: Negative

Remarks: Based on data from similar materials

Effects on fetal development

Test Type: Embryo-fetal development

Species: Mouse

Application Route: Ingestion

Result: Negative

#### Reproductive Toxicity

Not classified based on information available.

#### STOT - single exposure

Not classified based on information available.

#### STOT - repeated exposure

Not classified based on information available.

#### Carbon black

**Routes of exposure:** inhalation (dust/mist/fume)

**Assessment:** No significant health effects observed in animals at concentrations of 0.2 mg/l/6h/d or less.

### Repeated dose toxicity

#### Titanium dioxide

**Species:** Rat

**NOAEL:** 24,000 mg/kg

**Application Route:** Ingestion

**Exposure time:** 28 d

**Species:** Rat

**NOAEL:** 10 mg/m<sup>3</sup>

**Application Route:** inhalation (dust/mist/fume)

**Exposure time:** 2 y

**Remarks:** The substance is inextricably bound in the product and therefore does not contribute to a dust inhalation hazard.

#### Carbon black

**Species:** Rat

**NOAEL:** 1 mg/m<sup>3</sup>

**LOAEL:** 7 mg/m<sup>3</sup>

**Application Route:** Inhalation

**Test atmosphere:** dust/mist

**Exposure time:** 90 d

**Remarks:** The substance is inextricably bound in the product and therefore does not contribute to a dust inhalation hazard.

### Aspiration toxicity

Not classified based on available information.

#### Distillates (petroleum), hydrotreated middle

The substance or mixture is known to cause human aspiration toxicity hazards or has to be regarded as if it causes a human aspiration toxicity hazard.

## 12. ECOLOGICAL CONSIDERATIONS

### Ecotoxicity

The environmental impact of this product has not been fully investigated.

Chemical Name	Toxicity to Algae	Toxicity to Fish	Toxicity to Bacteria	Toxicity to Daphnia & other aquatic invertebrates
Titanium dioxide (CAS# 13463-67-7)	EC50 (Skeletonema costatum (marine diatom)): > 10,000 mg/l Exposure time: 72 h	LC50 (Oncorhynchus mykiss (rainbow trout)): > 100 mg/l Exposure time: 96 h Method: OECD Test Guideline 203	EC50: > 1,000 mg/l Exposure time: 3 h Method: OECD Test Guideline 209	EC50 (Daphnia magna (Water flea)): > 100 mg/l Exposure time: 48 h
Aluminum (CAS# 7429-90-5)	EC50 (Pseudokirchneriella subcapitata (green algae)): >0.004 mg/l Exposure time: 72 h Method: OECD Test Guideline 201 Remarks: No toxicity at the limit of solubility	LC50 (Oncorhynchus mykiss (rainbow trout)): 14.6 mg/l Exposure time: 96 h Toxicity to Fish (chronic) NOEC (Pimephales promelas (fathead minnow)): 7.1 mg/l Exposure time: 28 d	-	EC50 (Daphnia magna (Water flea)): > 0.135 mg/l Exposure time: 48 h Method: OECD Test Guideline 202 Remarks: No toxicity at the limit of solubility
Carbon black CAS# (1333-86-4)	NOEC (Desmodesmus subspicatus (green algae)): 10,000 mg/l Exposure time: 72 h Method: OECD Test Guideline 201	LC50 (Danio rerio (zebra fish)): 1,000 mg/l Exposure time: 96 h Method: OECD Test Guideline 203	-	EC50 (Daphnia magna (Water flea)): > 5,600 mg/l Exposure time: 24 h Method: OECD Test Guideline 202

### Persistence and Degradability

No information available.

### Bioaccumulation

No information available

### Other adverse effects

No information available.

### Mobility in soil

No information available

## 13. DISPOSAL CONSIDERATIONS

### Waste treatment methods

#### Disposal methods

This product has been evaluated for RCRA characteristics and does not meet the criteria of hazardous waste if discarded in its purchased form.

#### Waste from residues

Dispose of in accordance with local regulations

#### Contaminated Packaging

Dispose of as unused product. Empty containers should be taken to an approved waste handling site for recycling or disposal.

## 14. TRANSPORT INFORMATION

### INTERNATIONAL

UNRTDG Not regulated as dangerous good

IATA-DGR Not regulated as dangerous good

IMDG-Code Not regulated as dangerous good

#### Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

### DOMESTIC

49.CFR Not regulated as dangerous good

## 15. REGULATORY INFORMATION

### International Inventories

TSCA All chemical substances in this material are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

DSL All chemical substances in this product comply with the CEPA 1999 and NSNR and are on or exempt from listing on the Canadian Domestic Substances List (DSL).

REACH All ingredients (pre-) registered or exempt

AICS All ingredients listed or exempt

IECSC All ingredients listed or exempt

PICCS All ingredients listed or exempt

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EPCRA - Emergency Planning and Community Right-to-Know

### US Federal Regulations

#### SARA 313

The following components are subject to reporting levels established by SARA Title III, Section 313: Aluminum CAS# 7429-90-5 (1.6%)

#### SARA 302

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

#### SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ

#### SARA 311/312 Hazard Categories

No SARA hazards

#### CERCLA Reportable Quantity

Ingredients	CAS #	Component RQ (lbs)	Calculated product RQ (lbs)
Acetic anhydride	108-24-7	5000	*
Acetic acid	64-19-7	5000	*

\*Calculated RQ exceeds reasonably attainable upper limit

### US State Regulations

#### California Proposition 65

This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects

### U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania	Rhode Island	Illinois
Dimethyl siloxane, hydroxy-terminated CAS# 70131-67-8 70 - 90 %	X		X		
Distillates (petroleum), hydrotreated middle CAS# 64742-46-7 5 - 10 %	X		X		
Silicon dioxide CAS# 7631-86-9 5 - 10 %	X		X		
Aluminum CAS# 7429-90-5 1 - 5 %	X		X		
Acetic acid CAS# 64-19-7 0 - 0.1 %			X		
Acetic anhydride CAS# 108-24-7 0 - 0.1 %			X		
Iron Oxide CAS# 1332-37-2 1 - 5 %	X		X		
Titanium Dioxide CAS# 13463-67-7 1 - 5 %	X		X		
Carbon black CAS# 1333-86-4 0.1 - 1 %	X				

## 16. OTHER INFORMATION

### HMIS III

Health Hazards:	1
Flammability:	1
Physical Hazard:	0
Personal Protection:	X

### Full text of other abbreviations:

ACGIH:	USA. ACGIH Threshold Limit Values (TLV)
NIOSH REL:	USA. NIOSH Recommended Exposure Limits
OSHA P0:	USA. OSHA - TABLE Z-1 Limits for Air Contaminants - 1910.1000
OSHA Z-1:	USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants
OSHA Z-3:	USA. Occupational Exposure Limits (OSHA) - Table Z-3 Mineral Dusts
ACGIH / TWA:	8-hour, time-weighted average
NIOSH REL / TWA:	Time-weighted average concentration for up to a 10-hour workday during a 40-hour workweek
NIOSH REL / ST:	STEL - 15-minute TWA exposure that should not be exceeded at any time during a workday
OSHA P0 / TWA:	8-hour time weighted average
OSHA Z-1 / TWA:	8-hour time weighted average
OSHA Z-3 / TWA:	8-hour time weighted average

**Note: The responsibility to provide a safe workplace remains with the user. The user should consider the health hazards and safety information contained herein as a guide and should take those precautions required in an individual operation to instruct employees and develop work practice procedures for a safe work environment. The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by the use of this material. It is the responsibility of the user to comply with all applicable laws and regulations. The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text**

