

SAFETY DATA SHEET



Date Prepared : 12/15/2014
 MSDS No : Black RTV Silicone-GHS
 Date-Revised : 3/30/2015
 Revision No : 3

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT DESCRIPTION: Black RTV Silicone (N80044, N80046, N80047)

MANUFACTURER

Pacer Technology
 3281 E. Guasti Rd., Suite 260
 Ontario, CA 91761
Emergency Contact: CHEMTREC
Emergency Phone: 800-424-9300
Alternate Emergency Phone: 703-527-3887
Product Stewardship: 909-987-0550

2. HAZARDS IDENTIFICATION

GHS LABEL ELEMENTS

Not a hazardous substance or mixture.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
Dimethyl siloxane, hydroxy-terminated	70 - 90	70131-67-8
Silicon dioxide	7 - 13	7631-86-9
Hydrotreated middle petroleum distillates	5 - 10	64742-46-7
Acetic Acid	0 - 0.1	64-19-7
Acetic anhydride	0 - 0.1	108-24-7

4. FIRST AID MEASURES

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

SKIN: Wash with soap and water. Get medical attention if irritation develops or persists.

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

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

SIGNS AND SYMPTOMS OF OVEREXPOSURE

EYES: None known.

SKIN: None known.

SKIN ABSORPTION: None known.

INGESTION: None known.

INHALATION: None known.

ACUTE TOXICITY: None known.

CHRONIC EFFECTS: None known.

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NOTES TO PHYSICIAN: Treat symptomatically and supportively.

5. FIRE FIGHTING MEASURES

FLAMMABLE CLASS: Not Flammable

EXTINGUISHING MEDIA: Use alcohol foam, carbon dioxide, or water spray when fighting fires involving this material.

EXPLOSION HAZARDS: None known.

FIRE FIGHTING PROCEDURES: Firefighters should wear self-contained breathing apparatus. Water may be unsuitable as an extinguishing medium, but is helpful in keeping adjacent containers cool.

FIRE FIGHTING EQUIPMENT: As in any fire, wear self-contained breathing apparatus pressure-demand, (MSHA/NIOSH approved or equivalent) and full protective gear.

FIRE EXPLOSION: None known.

SENSITIVE TO STATIC DISCHARGE: None known.

SENSITIVITY TO IMPACT: None known.

HAZARDOUS DECOMPOSITION PRODUCTS: Hazardous decomposition products - carbon oxides and traces of incompletely burned carbon compounds, silicon dioxide, formaldehyde.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Wipe up or scrape up and contain for salvage or disposal.

LARGE SPILL: Scrape up and contain for disposal. Spilled material may present a slip hazard. Final cleaning may require steam, solvents or detergents; absorb and dispose of properly.

ENVIRONMENTAL PRECAUTIONS

WATER SPILL: No data available on this product.

LAND SPILL: No data available on this product.

AIR SPILL: No data available on this product.

SPECIAL PROTECTIVE EQUIPMENT: None known.

7. HANDLING AND STORAGE

GENERAL PROCEDURES: Use with adequate ventilation. Avoid contact with eyes, skin and clothing. Do not sand after cure.

HANDLING: Handle in accordance with good industrial hygiene and safety practices.

STORAGE: Suggested storage conditions: Less than 90F/32C.

STORAGE TEMPERATURE: Ambient room temperature (70F/21C).

LOADING TEMPERATURE: No data available on this product.

LOADING/UNLOADING VISCOSITY: No data available on this product.

STORAGE PRESSURE: No data available on this product.

ELECTROSTATIC ACCUMULATION HAZARD: None known.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)							
		EXPOSURE LIMITS					
		OSHA PEL		ACGIH TLV		Supplier OEL	
Chemical Name		ppm	mg/m ³	ppm	mg/m ³	ppm	mg/m ³
Acetic Acid	TWA	10 ppm [1]	25 mg/m ³ [1]	10 ppm	25 mg/m ³	NL ppm	NL mg/m ³
	STEL	ppm	mg/m ³	15 ppm	37 mg/m ³	NL ppm	NL mg/m ³
OSHA TABLE COMMENTS: 1. NL = Not Listed							

ENGINEERING CONTROLS: Observe limits for Silicon dioxide [TWA (dust) = 80 mg/m³, OSHA] and for Distillates (petroleum), hydrotreated middle [TWA (mist) = 5 mg/m³, OSHA].

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Wear safety glasses.

SKIN: Wash skin and hands after handling.

RESPIRATORY: Use only in a well ventilated area.

PROTECTIVE CLOTHING: Wear protective clothing. Launder contaminated clothing before reuse.

WORK HYGIENIC PRACTICES: Wash with soap and water. Get medical attention if irritation develops or persists.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Paste

ODOR: Acetic acid.

ODOR THRESHOLD: No data available on this product.

APPEARANCE: Paste

COLOR: Various

pH: Not Established

PERCENT VOLATILE: Not Established

FLASHPOINT AND METHOD: > 100 °C (212 °F) COC (Cleveland Open Cup)

FLAMMABLE LIMITS: No data for product to No data for product

AUTOIGNITION TEMPERATURE: Not Determined

VAPOR PRESSURE: Not Established

VAPOR DENSITY: Not established

BOILING POINT: Not Applicable

FREEZING POINT: No data available on this product.

MELTING POINT: Not Established

POUR POINT: No data available on this product.

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THERMAL DECOMPOSITION: Not Established

SOLUBILITY IN WATER: Not Established

EVAPORATION RATE: Not Established

SPECIFIC GRAVITY: 1.007 at 25 °C (77 °F)

VISCOSITY: Not Determined

(VOC): 31.000 g/L

Notes: 3%

10. STABILITY AND REACTIVITY

STABLE: Yes

HAZARDOUS POLYMERIZATION: No

STABILITY: Stable under normal conditions.

POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: Avoid exposure to air and moisture prior to use.

POSSIBILITY OF HAZARDOUS REACTIONS: REACTIVITY: Product may react with exposure to Incompatible materials.

HAZARDOUS DECOMPOSITION PRODUCTS: Formaldehyde.

INCOMPATIBLE MATERIALS: Avoid strong oxidizing agents, water, moisture or humid air.

11. TOXICOLOGICAL INFORMATION**ACUTE**

DERMAL LD₅₀: No data available on this product.

SKIN ABSORPTION: No data available on this product.

ORAL LD₅₀: No data available on this product.

INHALATION LC₅₀: No data available on this product.

SKIN EFFECTS: No health effects expected. If irritation does occur flush with water for 5 minutes. If irritation persists, obtain medical advice.

CHRONIC: None known.

CARCINOGENICITY

IARC: None

NTP: None

OSHA: None

IRRITATION: None known.

CORROSIVITY: None known.

SENSITIZATION: None known.

NEUROTOXICITY: No data available on this product.

GENETIC EFFECTS: No data available on this product.

REPRODUCTIVE EFFECTS: No data available on this product.

TARGET ORGANS: No data available on this product.

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TERATOGENIC EFFECTS: No data available on this product.

MUTAGENICITY: No data available on this product.

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: No data available on this product.

ECOTOXICOLOGICAL INFORMATION: No data available on this product.

BIOACCUMULATION/ACCUMULATION: No data available on this product.

AQUATIC TOXICITY (ACUTE): No data available on this product.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose of following all Local Authority requirements for disposal.

PRODUCT DISPOSAL: This product has been evaluated for RCRA (Resource Conservation and Recovery Act) characteristics and does not meet the criteria of hazardous waste if discarded in its purchased form.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Not restricted

ROAD AND RAIL (ADR/RID)

PROPER SHIPPING NAME: Not restricted

AIR (ICAO/IATA)

SHIPPING NAME: Not restricted

VESSEL (IMO/IMDG)

SHIPPING NAME: Not restricted

CANADA TRANSPORT OF DANGEROUS GOODS

SHIPPING NAME: Not restricted

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 HAZARD CATEGORIES: Not Applicable.

FIRE: No **PRESSURE GENERATING:** No **REACTIVITY:** No **ACUTE:** No **CHRONIC:** No

313 REPORTABLE INGREDIENTS: Not Applicable.

302/304 EMERGENCY PLANNING

EMERGENCY PLAN: None

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

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Chemical Name	Wt.%	CERCLA RQ
Acetic Acid	0 - 0.1	5,000
Acetic anhydride	0 - 0.1	5,000

TSCA (TOXIC SUBSTANCE CONTROL ACT)

Chemical Name	CAS
Dimethyl siloxane, hydroxy-terminated	70131-67-8
Silicon dioxide	7631-86-9
Hydrotreated middle petroleum distillates	64742-46-7
Acetic Acid	64-19-7
Acetic anhydride	108-24-7

TSCA STATUS: All components are listed on or are exempt from listing on the Toxic Substances Control Act.

CALIFORNIA PROPOSITION 65: No California Proposition 65 ingredients are known to be in this product.

CANADA

WHMIS HAZARD SYMBOL AND CLASSIFICATION

WHMIS CLASS: Not hazardous.

16. OTHER INFORMATION

TITLE: Regulatory Affairs Manager

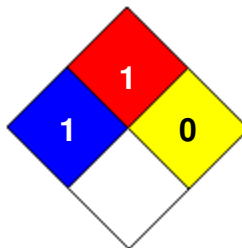
PREPARED BY: Mary Robles **Date-Revised:** 3/30/2015

REVISION SUMMARY: This MSDS replaces the 3/30/2015 MSDS.

HMIS RATING

HEALTH	☐	1
FLAMMABILITY	☐	1
PHYSICAL HAZARD	☐	0
PERSONAL PROTECTION	☐	

NFPA CODES



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