

Antiadhesive

BARBE®



BARBE AMERICA, INC.

INDUSTRIAL PRODUCTS

PO BOX 69 FLOWERY BRANCH, GEORGIA 30542-0002

PH (770)967-4305 1-800-223-9620 FAX (770) 967-4445

Section 1 – Product And Company Identification

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|------------------------------------|---------------------------------------------------------------------|
| TRADE NAME: | Antiadhesive BARBE® 2950 |
| SYNONYMS: | Aqueous dispersion of silicates, carbonates and surfactants |
| CHEMICAL FAMILY: | Silicates; carbonates; surfactants |
| FORMULA: | Mixture |
| SUPPLIER: | BARBE AMERICA, INC. PO Box 69 Flowery Branch, GA 30542 |
| EMERGENCY TELEPHONE NUMBER: | 1-800-223-9620 (BARBE) 1-800-424-9300 (CHEMTREC) |

Section 2 – Hazards Identification

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| APPEARANCE AND ODOR: | Cream-colored liquid; mild odor |
| SIGNS OF ACUTE OVEREXPOSURE: | May cause lung; eye and skin irritation |
| SIGNS OF CHRONIC OVEREXPOSURE: | May cause lung; eye and skin irritation |
| MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: | None known |
| CHEMICAL LISTED AS CARCINOGEN OR POTENTIAL CARCINOGEN by IARC, National Toxicology Program or OSHA: | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| THIS MATERIAL IS CONSIDERED HAZARDOUS BY THE OSHA HAZARD COMMUNICATION STANDARD (29 CFR 1910.1200) | |

Section 3 – Composition/Information On Ingredients

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|--------------------------------------------------------|--------------------|--------------|
| HAZARDOUS COMPONENTS: | | |
| INGREDIENTS | % | CASRN |
| Silicates | Proprietary Amount | Proprietary |
| Carbonates | Proprietary Amount | Proprietary |
| Please see Section 15 for other regulatory information | | |

Section 4 – First Aid Measures

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|--------------------------------------------|------------------------------------------------------------------------------------------------------------------------|
| EMERGENCY AND FIRST AID PROCEDURES: | |
| 1. INHALATION: | Remove to fresh air; consult physician. Breathing in while swallowing liquid or vomiting may severely damage the lungs |
| 2. EYES: | Flush with water for 15 minutes; consult physician |
| 3. SKIN: | Wash with mild soap and water |
| 4. INGESTION: | Consult physician |

Section 5 – Fire Fighting Measures

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|-------------------------------------------|-------------------------------------------------------------------------------------------------|
| SEE SECTION 9 FOR EXPLOSION LIMITS | |
| EXTINGUISHING MEDIA: | CO2, foam, dry powder, water spray |
| PROTECTION OF FIREFIGHTERS: | Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. |
| SPECIAL FIRE FIGHTING PROCEDURES: | None known |
| UNUSUAL FIRE HAZARDS: | Combustion may form carbon oxides and traces of incompletely burned hydrocarbons |

Section 6 – Accidental Release Measures**STEPS TO BE TAKEN IN CASE MATERIAL IS ACCIDENTALLY RELEASED, LEAKED OR SPILLED:**

Sweep up with suitable absorbent and place in waste disposal container.
Keep out of drains sewers ditches and waterways.

SPECIAL INSTRUCTIONS: Use personal protection recommended in Section 8.
Isolate the hazard area and deny entry to unnecessary or unprotected personnel.

Section 7 – Handling And Storage

PRECAUTIONS TO BE TAKEN IN STORAGE: Keep from freezing

PRECAUTIONS TO BE TAKEN IN HANDLING: Avoid contact with eyes and skin. stir before using

OTHER PRECAUTIONS: None known

Section 8 – Exposure Controls/Personal Protection**EXPOSURE LIMITS**

| COMPONENT | OSHA PEL | ACGIH TWA |
|------------|-------------------------------------------|-------------------------------------------|
| Silicates | 5 mg/m ³ (respirable fraction) | 2 mg/m ³ (respirable fraction) |
| Carbonates | 5 mg/m ³ (respirable fraction) | Not applicable |

ENGINEERING MEASURES

SPECIAL EQUIPMENT: None known

PERSONAL PROTECTIVE EQUIPMENT (PPE)

RESPIRATORY PROTECTION (SPECIFY TYPE): Not applicable

EYE PROTECTION: Safety glasses; wear goggles if risk of product splashing

PROTECTIVE GLOVES: Rubber gloves

Section 9 – Physical And Chemical Properties

APPEARANCE AND ODOR: Cream-colored liquid; mild odor

BOILING POINT (°F): As water

FREEZING POINT (°F): As water

pH: ~10

VAPOR PRESSURE (MM HG): As water

VAPOR DENSITY (AIR = 1): As water

PERCENT VOLATILE BY VOLUME: ~60%

PERCENT VOLATILE ORGANIC (VOC): 0%

EXPLOSIVE LIMITS: Not applicable

EVAPORATION RATE (WATER = 1): As water

SPECIFIC GRAVITY: ~1.3

PARTITION COEFFICIENT (n-octanol/water): Not determined

AUTO-IGNITION TEMPERATURE: Not determined

DECOMPOSITION TEMPERATURE: Not applicable

SOLUBILITY IN WATER: Miscible

Section 10 – Stability And Reactivity

STABILITY: Unstable Stable

CONDITIONS TO AVOID: None known

INCOMPATIBILITY (MATERIALS TO AVOID): Alkali metals (as water)

HAZARDOUS DECOMPOSITION PRODUCTS: Combustion may form carbon oxides and traces of incompletely burned hydrocarbons

HAZARDOUS POLYMERIZATION: May occur Will not occur

CONDITIONS TO AVOID: None known

Section 11 – Toxicological Information

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| REPORTED HUMAN EFFECTS: | Not determined |
| REPORTED ANIMAL EFFECTS: | Not determined |
| OTHER HEALTH EFFECTS: | Not determined |

Section 12 – Ecological Information

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|---------------------|----------------|
| ECOTOXICITY: | |
| AQUATIC TOXICITY: | Not determined |
| ENVIRONMENTAL FATE: | |
| MOBILITY: | Not determined |
| PERSISTENCE: | Not determined |

Section 13 – Disposal Considerations

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| WASTE DISPOSAL METHODS: | Observe local, State and Federal regulations for waste disposal |
| RCRA: | This product as delivered would not be classified as a RCRA Hazardous Waste. As with any chemical, any processing of or modification to the product might change the RCRA characteristics and the final waste product would need to be evaluated to determine its RCRA status. |

Section 14 – Transport Information

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| US DOT INFORMATION: | DOT not restricted |
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Section 15 – Regulatory Information**CHEMICAL INVENTORY INFORMATION:**

- TSCA:** This product and/or all its ingredients are listed on the TSCA Inventory of Chemical Substances.
- CANADIAN DSL:** This product and/or all its ingredients are listed on the Canadian DSL.

OTHER REGULATORY INFORMATION:**1. CERCLA:**

| INGREDIENTS | % | CASRN | RQ |
|----------------|----------------|----------------|----------------|
| Not applicable | Not applicable | Not applicable | Not applicable |

2. SARA TITLE III

| | |
|-------------------------|----------------|
| SECTION 302: | Not applicable |
| SECTION 311/312: | |

ACUTE: CHRONIC: FIRE: REACTIVE: PRESSURE: **SECTION 313:**

| INGREDIENTS | % | CASRN |
|----------------|---|----------------|
| Not applicable | | Not applicable |

3. CLEAN AIR ACT:**NATIONAL EMISSION STANDARD FOR HAZARDOUS AIR POLLUTANTS: RUBBER TIRE MANUFACTURING**

| INGREDIENTS | % | CASRN |
|----------------|----------------|----------------|
| Not applicable | Not applicable | Not applicable |

- TSCA 12(b):** Not applicable

Section 16 – Other Information

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| ABBREVIATIONS: | N/A = Not Applicable; N/D = Not Determined |
| HMIS RATING: | Health = 1 ; Flammability = 0; Reactivity = 0; Personal Protective Equipment = B |
| HMIS HAZARD RATING SCALE: | 0 = Minimal; 1 = Slight; 2 = Moderate; 3 = Serious; 4 = Severe; * = Chronic effect |
| REASON FOR REVISION: | Original MSDS |
| REPLACES VERSION NUMBER: | Not applicable |
| REPLACES VERSION DATE: | Not applicable |
| VERSION NUMBER: | 001 |
| VERSION DATE: | 2010-01-04 |
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