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White Diamond

BAR

**Material Safety Data Sheet**

May be used to comply with OSHA's Hazard Communication Standard 29 CFR 1910. 1200 Standard must be consulted for specific requirements.

**U.S. Department Of Labor**

Occupational Safety and Health Administration  
(Non-Mandatory Form)  
Form Approved  
OMB No. 1218-0072



IDENTITY (As Used on Label and List)  
No. 4X

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

**Section I**

Supplier Information:  
Santa Fe Jewellery Supply  
1513 Fifth Street Santa Fe, NM 87505

Emergency Telephone Number  
(312) 924-1515

Telephone Number for Information  
(312) 924-1515

Date Prepared  
February 23, 1994

Signature of Preparer (optional)

**Section II - Hazardous Ingredients/Identity Information**

| Hazardous Components (Specific Chemical Identity, Common Name(s)) | OSHA PEL | ACGIH TLV            | Other Limits Recommended | % (optional) |
|---|----------|----------------------|--------------------------|--------------|
| SILICA CAS 1317-95-9<br>14808-60-7; 7631-86-9                     |          | .1 MG/M <sup>3</sup> | Respirable Dust          |              |
|   |          |                      |                          |              |
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**Section III - Physical/Chemical Characteristics**

|   |       |   |           |
|---|-------|---|-----------|
| Boiling Point   | 450°F | Specific Gravity (H <sub>2</sub> O = 1) | 1.5 - 2.0 |
| Vapor Pressure (mm Hg)                                | N/A   | Melting Point                           | N/A       |
| Vapor Density (AIR = 1)                               | N/A   | Evaporation Rate<br>(Butyl Acetate = 1) | N/A       |
| Solubility in Water<br>Insoluble                      |       |   |           |
| Appearance and Odor<br>Solid Bar - Tallow or Fat Odor |       |   |           |

**Section IV - Fire and Explosion Hazard Data**

|   |                                       |            |            |
|---|---------------------------------------|------------|------------|
| Flash Point (Method Used)<br>No Data Available                          | Flammable Limits<br>No Data Available | LEL<br>N/A | UEL<br>N/A |
| Extinguishing Media<br>CO <sup>2</sup> , Dry Chemical, Foam             |                                       |            |            |
| Special Fire Fighting Procedures<br>Treat as grease fire, use air pack. |                                       |            |            |
| Unusual Fire and Explosion Hazards<br>Dense Smoke                       |                                       |            |            |

**Section V - Reactivity Data**

|           |          |   |  |
|-----------|----------|---|--|
| Stability | Unstable |   | Conditions To Avoid<br>Avoid High Heat, Open Flame |
|           | Stable   | X |  |

Incompatibility (Materials to Avoid)  
Do Not expose to strong oxidizers

Hazardous Decomposition or Byproducts  
If combustion incomplete, carbon monoxide will form.

|                          |                |   |                             |
|--------------------------|----------------|---|-----------------------------|
| Hazardous Polymerization | May Occur      |   | Conditions to Avoid<br>None |
|                          | Will Not Occur | X |                             |

**Section VI - Health Hazard Data**

|                   |                    |             |                  |
|-------------------|--------------------|-------------|------------------|
| Route(s) of Entry | Inhalation?<br>Yes | Skin?<br>No | Ingestion?<br>No |
|-------------------|--------------------|-------------|------------------|

Health Hazards (Acute and Chronic) Silica

Excessive Inhalation of dust may result in respiratory disease, including silicosis, pneumoconiosis and pulmonary fibrosis. The International Agency for Research on Cancer (IARC) has evaluated in Volume 42, Monographs on the Evaluation of the Carcinogenicity Risk of Chemicals to Humans, Silica and Some Silicates (1987), that there is "sufficient evidence for the carcinogenicity of crystalline silica to experimental animals limited evidence" with respect to humans.

|                 |            |   |                       |
|-----------------|------------|---|-----------------------|
| Carcinogenicity | NTP?<br>No | IARC Monographs? Yes<br>Level 2A Grouping | OSHA Regulated?<br>No |
|-----------------|------------|---|-----------------------|

Signs and Symptoms of Exposure  
Over exposure may cause temporary irritation of eyes, ears, nose and respiratory tract.

Medical Conditions  
Generally Aggravated by Exposure No Data Available

Emergency and First Aid Procedures  
Remove to fresh air and flush with water.

**Section VII - Precautions for Safe Handling and Use**

Steps To Be Taken In Case Material is Released Or Spilled  
N A

Waste Disposal Method  
Local landfill in accordance with applicable local, state and federal regulations.

Precautions To Be Taken In Handling And Storing  
Storage at room temperature Avoid excessive heat - open flame

Other Precautions  
After handling wash thoroughly.

**Section VIII - Control Measures**

Respiratory Protection (Specify Type)  
Use NIOSH/MSHA approved dust filter for exposure above permissible level, Mask Type 8710

|             |   |                 |
|-------------|---|-----------------|
| Ventilation | Local Exhaust<br>Sufficient to maintain employee exposure | Special<br>None |
|             | Mechanical (General)<br>exposure below permissible level  | Other<br>None   |

Protective Gloves Yes Eye Protection If exposure to dust is likely.

Other Protective Clothing Or Equipment  
Long-sleeve shirt recommended

Work Hygienic Practices  
After handling, wash thoroughly.

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