



# MATERIAL SAFETY DATA SHEET

## 1. IDENTIFICATION

Product name: Jewelry Rubber Mold; Flex, Firm  
Supplier's name: Jewelry Wax Ltd.  
322/5-6 (1<sup>st</sup> floor) Bangkok Gem & Jewelry Tower, Surawong Road ,  
Bangrak, Bangkok 10500, Thailand

## 2. HAZARDOUS INGREDIENTS/COMPOSITION INFORMATION

Chemical Composition: Natural rubber and inorganic filler.

The specific chemical identity of the ingredients of this rubber formulation is considered a trade secret.

Non-hazardous ingredients include typical inorganic fillers bound in a natural rubber matrix.

Under normal intended usage, no hazards should exist.

## 3. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : Rubbery solid, 0.125" thick  
Odor : Smoke rubber odor  
Boiling point : Not applicable  
Melting point : Not applicable  
Specific Gravity : approx.1.3  
Vapor Density (AIR =1) : Not applicable  
Solubility in water : Non soluble

## 4. FIRE AND EXPLOSION HAZARD DATA

Flash point : Not applicable  
Auto-ignition Temperature : Not applicable  
Sensitivity to Mechanical Impact : Not applicable  
Sensitivity / Static Discharge : Not applicable  
Unusual Fire/Explosion Hazards : None know  
Hazardous Combustion Products: Not applicable  
Flammability : Not applicable  
Extinguishing Media : Water, dry chemical, CO<sub>2</sub>, foam, etc.  
Special Firefighting Procedures : Self contained breathing apparatus is required for all firefighting personnel. In enclosed or poorly ventilated areas, wear SCBA during cleanup immediately after fire. Use high expansion foam or water fog. Treat as a hydrocarbon fire.



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### 5. REACTIVITY DATA

Stability	: Stable if stored and used properly
Condition to Avoid	: None know
Incompatibility (Material to avoid)	: None know
Hazardous Decomposition Products	: CO, CO <sub>2</sub> , N Oxides, S Oxides
Hazardous Polymerization	: Will not occur

### 6. HEALTH HAZARD DATA

Primary Routes of Exposure	: Inhalation, Skin, Eye
Effects of Overexposure	: Containment in a polymeric binder/matrix greatly reduces the risk of contact with hazardous materials.
Health Hazards	: Acute: None Know    Chronic: None Know

### 7. EMERGENCY FIRST AID PROCEDURES

<b>Emergency First Aid Procedures</b>	: Flush eyes/skin with water. Consult a physician if irritation persists. If inhaled, remove to fresh air. If ingested, consult physician.
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**Medical Conditions which may be aggravated by Exposure:** Individuals with chronic respiratory disorders (i.e.: asthma, chronic, bronchitis, emphysema, etc.) may be adversely affected by any fume or airborne particulate exposure. Sensitive individuals may be susceptible to allergic reaction upon contact with skin, eyes, or respiratory tract.

### 8. PRECAUTIONS FOR SAFE HANDLING & USE

In case material is released or spilled	: Sweep or vacuum, collect and place in suitable container for reuse or disposal.
Waste Disposal Methods	: Follow state, local and federal regulations.
Precautions in Handling and Storage	: Keep clean in closed container. Store at room temperature and away from direct sunlight and sources of heat.

Always Wash Thoroughly with Soap and Water after use.

### 9. CONTROL MEASURES/PERSONAL PROTECTION

Respiratory Protection	: Approved NIOSH organic respirator recommended if ventilation is inadequate.
Protective Gloves	: None Needed
Eye Protection	: None Needed
Ventilation to be Used	: Local Exhaust
Other Protective Clothing or equipment	: None Needed
Hygienic Work Practices	: None



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### 10. OTHER COMPLIANCE INFORMATION

The ingredients of this mixture are reportable as listed under Section 313 of title III of the Superfund Amendments and the Reauthorization Act of 1986 and 40 CFR part 372.

This information must be included in all MSDS sheets that are copied and distributed for this material. The chemical found in this compound are:

Compound Name: Zinc Oxide    CAS#: 1314-13-2    Percent by weight: 2.80

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Note: The information contained herein is believed to be accurate but all statements or suggestions are made without warranty or guarantee of any kind, expressed or implied, regarding accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof.

This MSDS cannot cover all possible situations which the user may experience during processing. It is the user's responsibility to develop appropriate work practice guidelines and employee instructional programs for their operation.