



## MATERIAL SAFETY DATA SHEET

### Clear Ballistics Ballistic Gelatin

#### 1 – PRODUCTION IDENTIFICATION

**Product Identifiers:** 608729261421, 608729261452, 608729261483, 608729261513 (UPC CODES)

**Product Use:** Medium used to simulate human tissue

**Synonyms:** Clear Ballistics Ballistic gel, Clear Ballistics Gelatin, Clear Ballistics Ballistic Gelatin Air Rifle Block, Clear Ballistics Ballistic Gelatin Bow Block, Clear Ballistics Ballistic Gelatin FBI Block, Clear Ballistic Gel by Pound, Clear Ballistics Ballistic Gelatin Samples, Clear Ballistics Ballistic Gelatin Sniper Block

#### Company Manufacturer / Supplier Address

Clear Ballistics LLC.  
P.O. Box 723 Fort Smith, AR 72901  
United States of America  
Clearballistics.com

**Emergency Phone:** American Association of Poison Control Centers 1-800-222-1222

**Chemtrec Phone:** (800) 424-9300

**Other Calls:** General questions (888) 271-0461

#### 2 – COMPOSITION / INFORMATION ON INGREDIENTS

Component Name	Hazardous in Blend	Percentage (%) (min to max)	Component Expose Limit	Unit
Oil (Trade Secret) - NON-FOOD GRADE	None	75 to 95	OSHA PEL ACGIH TLV	No Limit
Gellants (Trade Secret)	None	5 to 25	OSHA PEL ACGIH TLV	No Limit

#### 3 – HEALTH AND PROTECTION INFORMATION

##### IMMEDIATE HEALTH EFFECTS

**EYES:** This product is minimally irritating to the eyes upon direct contact while in a solid form.

**SKIN:** This product is not expected to cause any skin irritation upon direct contact or repeated and or prolonged contact

**INGESTION:** Not expect to be harmful if swallowed. This product has laxative properties, and may result in cramps and or diarrhea. See Health Data Hazards Section below.

**INHALATION:** this product has a low vapor pressure and is not expected to present an inhalation hazard at ambient conditions. Caution should and must be taken to prevent aerosolization or misting of this product. The permissible exposure limit (PEL) and threshold limit value (TLV) for this product as oil mist is 5 MG/M3. Exposures below 5 MG/M3 appear to be without significant health risk. The short-term exposure limit for this product as an oil mist is 10 MG/M3.

**HEALTH DATA:** Expose to a single large dose or repeated small doses of this oil by inhalations, aspiration, or ingestion leading to aspiration can lead to lipid pneumonia or lipid granuloma of the lung. These are low-grade chronic, localized tissue relations. Shortness of breath and cough are the most common symptoms. The International Agency for Research on Cancer (IARC) has concluded that highly refined oils are group 3 substances, "Not classifiable as to their carcinogenicity to humans," based on inadequate human and inadequate animal evidence. IARC has also concluded that there is no evidence for the carcinogenicity to experimental animals of this oil when administered by routes other than intraperitoneal injection. This oil substance is not carcinogenic according to OSHA hazard communications standard.

**MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE:** Asthma, emphysema, or other respiratory diseases.

**CARCINOGENICITY:** NTP, IARC, or OSHA does not list this product as a carcinogen or potential carcinogen.

## 4 – EMERGENCY AND FIRST AID PROCEDURES

**EYES:** Flush with water with large amounts of water and continue flushing until irrigation subsides. If material is hot, in liquid state, treat for thermal burns and take victim to hospital immediately.

**SKIN:** Remove contaminated clothing. If material is hot, in liquid state, submerge injured area in cold water. If burn are sever take person to hospital immediately.

**INGESTION:** Do not induce vomiting.

**INHALATION:** This material has a low vapor pressure and is not expect to present an inhalation exposer at ambient conditions.

## 5 – PERSONAL HEALTH PROTECTION INFORMATION

**EYE PROTECTION:** Eye protection is not required under normal use. If material is handled such that it could be splashed into, the eyes wear plastic face shield or splash-proof safety goggles.

**SKIN PROTECTION:** No skin protection is required for single, short duration exposures. For prolonged or repeated exposures, use impervious clothing, including boots, gloves, and apron, over parts of the body subject to exposure. If handling hot material use insulated protective clothing boots, gloves, and apron.

**RESPIRATION PROTECTION:** Respiration protection is not required under normal conditions of use. If vapor or mist is generated when material is heated or handled use and organic vapor respirator with a dust and mist filter.

**VENTALATION:** If a vapor or mist is generated when the material is heated or handled, adequate venation in accordance with good engineering practice must be provided to maintain concentration below the specified exposure or flame limits

**OTHER / MISC.:** Consumption of food and beverages would be avoided in work areas where Hydrocarbons are present. Always wash hands and face with soap and water before the consummation of food or drinks including smoking.

## 6 – FIRE PROTECTION INFORMATION

**FLASH POINT:** >350°F or 176.6°C

**EXTINGUISHING MEDIA:** Use dry chemical, foam, or carbon dioxide

**SPECIAL FIRE FIGHTING PROCEDURES:** Water may be ineffective extinguishing. May be used to cool containers exposed to heat or flames. Caution should be exercised when using water as frothing may occur, especially if sprayed into containers of hot, burning liquid.

**UNUSUAL FIRE AND EXPLOSIVE CONDITIONS:** Dense smoke may be generated while burning. Carbon monoxide, carbon dioxide, and other oxides may be generated as products combust.

## 7 – REACTIVITY DATA

**STABLIITY (THERMAL, LIGHT, etc.):** Stable

**CONDITIONS TO AVOID:** None

Hazardous Polymerization: will not occur

**INCOMPATIBITLY MATERIALS TO AVOID:** May react with strong oxidizing agents

**HAZARDOUS DECOMPOSITION PRODUCTS:** None