

MATERIAL SAFETY DATA SHEET - MSDS

Date of Preparation: Oct. 12, 2006 Supercedes: **Color Pigment Liquid**

SECTION 01: CHEMICAL PRODUCT IDENTIFICATION

Manufacturer: IMPAR LTD.

Distributor : **EBC Limited LTD.**

Address : Gabarnitza 9227 , Vetrino . Varna – BULGARIA.

Emergency Phone Number: Tel. 359-8999 78 579 Fax. 359-5-168422

Trade Name: EBC , Bio- Picasso Color.

SECTION 02: Ingredients

Ingredient:	%	TLV (ACGIH)
Pigment : may contain Pigments CI : 12490,15950,16035,16255,17200,19140, 42090 ,45380,45410,45430,73015 ,73360, 74160,75470,77007,77266,77288,77289, 77491 ,77492,77499,77510,77742 ,77891	20 - 75	Not Listed
Ethanol (CAS #64-17-5)	10 - 25	400 ppm TWA8
Distilled Water (CAS #7732-18-5)	5 - 10	Not Listed

Purified colors are colorants manufactured for use in a variety of food, drug, and cosmetic applications. These products include U.S. Certified Organic Colorants, Purified Inorganic Colorants, and Non-Certified Organic Colorants, and are produced to the highest purity standards possible . Other Ingredients (not identified are proprietary and are non-hazardous). Also note that the pigments used in these preparations, whether organic, inorganic or blends thereof, are essentially non-toxic.

This material is considered to be a hazardous substance under OSHA's Hazard Communication Standard (29CFR 1910.1200) as an eye or skin irritant and it is also a flammable liquid. This evaluation is based on a review of the components; no studies have been performed on this product.

SECTION 03 : Physical Data

Appearance: Colored Liquid Odor: Odor of Ethanol Boiling Rance: 80-100 deg.C (180-212 deg.F) Specific Gravity: 1.1-20. Evaporation Rate: less than 1, water Pounds per Gallon: 9.0-17.0

SECTION 04 : Fire and Explosion Data

Flammable Properties: Flash Point 76 deg. F to 120 deg. F, in closed cup. Flammable Limits in Air: Lower: 2% (V) Upper: 12.7% 200 deg. F

Extinguishing Media: Alcohol-type or all-purpose foam for large fires. Carbon Dioxide or dry chemical for small fires. **Extinguishing Media to Avoid:** No information currently available. **Special Fire Fighting Procedures:** Use water spray to cool fire-exposed containers and structures. Use water spray to disperse vapors; re-ignition is possible. Use self-contained breathing apparatus and protective clothing. **Unusual Fire and Explosion Hazards:** Vapor may travel or be moved by air and ignited by pilot lights, flames, sparks, heaters, electrical equipment, static discharges or other ignition sources at locations distant from product handling point. Vapors from this product may settle in low or confined areas or travel a long distance to an ignition source and flash back explosively. Static ignition hazard can result from handling and use. Electrically bond and ground all containers, personnel and equipment before transfer or use of material. Use proper handling and grounding during transfer as described in national Fire Prevention Association Document NFPA 77. See Section 3.3, Engineering Controls.

This material may produce a floating fire hazard. Flame may be invisible. Approach fire with caution. **Hazardous Combustion Products:** Carbon Monoxide and/or Carbon Dioxide. Carbon Monoxide is highly toxic if inhaled; carbon dioxide in sufficient concentration can act as an asphyxiant.

SECTION 05 : TOXICOLOGICAL INFORMATION

GENERAL

Based upon industry-wide experience over many years of manufacturing and published toxicological studies, cosmetic pigments in general are considered to have low levels of toxicity. There is no evidence of harmful effects from available information. There are no established permissible exposure limits for this product.

ACUTE (SHORT-TERM) TOXICITY

Skin contact: Irritation not expected. No evidence of harmful effects from available information. **Eye contact:** Irritation not expected. High dust concentrations may cause mechanical irritation, as is typical with any finely divided powder.

Inhalation: Not expected to be an inhalation hazard. Excessive levels of dusts may result in discomfort after repeated or prolonged exposures. **Ingestion:** No adverse effects known, and is believed to be practically non-toxic by ingestion. Based upon data from similar products, the acute oral LD50 value is expected to be greater than 2,000 mg/kg.

CHRONIC (LONG-TERM) TOXICITY

No known published data available and no adverse effects expected.

MUTAGENICITY

No mutagenic effects known or expected.

SECTION 06 : Health Hazard Data

General: No toxicity information is available for this specific preparation; this health hazard assessment is based on information that is available on similar preparations and on the components. **Threshold Limit Value:** None established for the dispersion. **Acute Oral Toxicity (for the pigment):** Greater than 5 g/kg tested in rats. **Effects of Overexposure:** Not established. **Skin Irritation:** Short contact periods with human skin should not cause irritation, but repeated prolonged contact may cause skin irritation. **Eye Irritation:** May be slightly irritating to human eyes. **Emergency and First Aid Procedures:** Wash

contaminated areas of skin with soap and water. For eyes, and/or serious contact with the skin or eyes, seek medical advice at once. **Carcinogenicity:** NTP: No LARC: No OSHA: No

SECTION 07 : Reactivity Data

Stability: Stable Incompatibility: None Hazardous Decomposition Products: None Hazardous Polymerization will not occur.

SECTION 08 : Spill or Leak Procedures

Steps to be taken in case Material is released or spilled: Remove large quantities with a shovel. Cover residues with absorbing agent and remove. Wash trace residues with water. **Water Disposal Method:** Dispose of in accordance with government and local regulations.

SECTION 09 : Special Protection Information

Respiratory Protection: Not necessary. Ventilation: Normal ventilation adequate. Protective Gloves: Should be worn. Eye Protection: Should be worn. Other Protective Equipment: Not required.

SECTION 10 : Special Precautions

Precautions to be taken in handling and storing: Avoid contact with skin and eyes. Keep containers tightly closed when not in use. Keep away from heat sources. Ground containers when pouring.

FDA Status: This dispersion product does not have Food and Drug Administration (FDA) approval as a food additive, either direct or indirect, under Title 21 of the CFR.

USDA Status: This dispersion has not been evaluated by the United States Department of Agriculture (USDA) as a component of printing inks for use on packaging materials for meat or poultry food products prepared under federal inspection.

SECTION 11 : Product Label

Flammable Liquid: Keep away from ignition sources. **Caution:** This product may be slightly irritating to the eyes and/or skin. **Avoid Contact with Eyes and Skin:** Wash areas thoroughly after handling. **Keep Container Closed:** Keep away from food and feed products. **First Aid:** In case of contact with eyes, **immediately** flush eyes with plenty of water. In case of skin contact, wash affected area/s thoroughly. If irritation persists, consult a physician. For supplemental information, please refer to the foregoing pages of Material Safety Data Sheet.