LaserBits
The Leader in Laser Products

24410 N 20th Drive
Phoenix, AZ 85085
1-800-733-7705
www.LaserBits.com

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MATERIAL SAFETY DATA SHEET

Laser Bits
PRO COLOR Fill

SECTION I - PRODUCT IDENTIFICATION

Laser Bits Pro Color

PRODUCT NAME	HAZARDOUS COMPONENTS (Sec. II)
CLB1030 Dark Brown	20,24,25
CLB1191 Yellow	-
CLB1556 Cobalt Blue	19,33
CLB1566 Light Blue	33
CLB1200 Black	24
CLB1250 Green	19
CLB1277 Red	-
CLB1380 White	33
CLB1401 Purple	-
CLB3017 Pro Sealer	5
CLB4003 Bronze	19,24,27
CLB4006 Copper	24,27
CLB4010 Gold	24,27,33
CLB4025 Silver	27,33
CLB8380 SUS300 Bright White	33
CLB8050 SUS301 Classic Blue	19,33
CLB8210 SUS302 Classic Red	-
CLBMGLD SUS303 Bright Gold	24,27,33
CLBMSLV SUS304 Bright Silver	27,33
All:	1,29

SECTION II - HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

CODE	HAZARDOUS	CAS NUMBER	% Max	OSHA PEL TWA	OSHA PEL STEL
1	Ammonia	7664-41-7	.2	NE	35 ppm
5	Amorphous Silica	7631-86-9	5	6 mg/M^3	
19	Copper	7440-50-8	3	1 mg/M^3	
20	Crystalline Silica	14464-46-1	5	.05 mg/M^3	
24	Iron Oxide	1309-37-1	30	10 mg/M^3	
25	Manganese compounds	7439-96-5	5	NE	5 mg/M^3
27	Mica	12001-26-2	15	3 mg/M^3	
33	Titanium Dioxide	13463-67-7	35	10 mg/M^3	
29	Propylene Glycol	57-55-6	15	NE	

TWA= Time Weighted Average (ave. airborne exposure in 8 hr work shift work week)
STEL= Short Term Exposure Limit (15 minute time weighted average exposure)
CEILING = exposure not to be exceeded during any part of the work day
NE = None established
mg/M^3 = approximate milligrams of substance per cubic meter of air

SECTION III - PHYSICAL/CHEMICAL PROPERTIES

BOILING POINT: N/A
SPECIFIC GRAVITY (H20=1): 1.1-1.4
VAPOR DENSITY: Heavier than air
EVAPORATION RATE: Slower than ether
V.O.C.: 130-260 g/l
SOLUBILITY IN WATER: Insoluble
APPEARANCE AND ODOR: Viscous liquid of various colors with slight ammonia odor

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A **METHOD USED:** N/A
FLAMMABLE LIMITS IN AIR BY VOLUME: **LOWER:** N/A **UPPER:** N/A
EXTINGUISHING MEDIA: Carbon dioxide, water spray, foam or dry chemical.
SPECIAL FIRE FIGHTING PROCEDURES: Use self-contained breathing apparatus and full protective clothing.
UNUSUAL FIRE AND EXPLOSION HAZARDS: Decomposition and combustion products may be toxic.

SECTION V - REACTIVITY DATA

STABILITY: Stable
CONDITIONS TO AVOID: None known
INCOMPATIBILITY: May react with strong oxidizers
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Purple may react with acids to form flammable and toxic hydrogen sulfide.
HAZARDOUS POLYMERIZATION: Will not occur

SECTION VI - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:. Irritation of the nose, throat and lungs is associated with excessive exposure to ammonia. Also see "Additional Hazards", below.

EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE: Contact may cause irritation

SKIN CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE: Prolonged or repeated contact may be irritating to skin.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: May cause irritation to gastrointestinal system.

CARCINOGENICITY: Certain components of some colors may be linked to carcinogenic response in animal tests or epidemiological data. See details below.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Pre-existing skin, eye, or respiratory conditions may be aggravated by exposure.

ADDITIONAL HAZARDS ASSOCIATED WITH SPECIFIED PIGMENTS OR THEIR COMPONENTS:

AMORPHOUS SILICA- Slight skin irritant and mild eye irritant in animals.

CRYSTALLINE SILICA- Considered a carcinogen through inhalation overexposure. Also a known cause of silicosis, a noncancerous lung disease. **WARNING:** This product contains a chemical known to the State of California to cause cancer. (Applies to airborne particles of respirable size only)

MICA- Can cause slight lung fibrosis and pneumoconiosis.

TITANIUM DIOXIDE- Listed by IARC under category 2B, possibly carcinogenic to humans.

EMERGENCY AND FIRST AID PROCEDURES:
EYE CONTACT: Flush with water for 15 minutes. SEE DOCTOR if any symptoms persist.
SKIN CONTACT: Wash with soap and water. SEE DOCTOR if skin irritation occurs.
INHALATION: Remove subject to fresh air. SEE DOCTOR if symptoms persist
INGESTION: If swallowed, dilute by giving 2 or more glasses of water to drink ONLY IF CONSCIOUS! SEE DOCTOR.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Contain and recover

WASTE DISPOSAL METHOD: Discard dry material as nonhazardous waste

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Avoid freezing

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SECTION VIII - CONTROL MEASURES

RESPIRATORY PROTECTION: When handling sanding or spraying, use a NIOSH/MSHA approved dust and mist respirator.

VENTILATION: General dilurion ventilation as desired

PROTECTIVE GLOVES: Gloves are recommended.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Safety glasses are recommended.

WORK/HYGIENIC PRACTICES: Use in accordance with safe handling practices, including: do not eat, drink or smoke when working with materials, avoid excessive skin contact and wash after use. In addition, keep professional materials such as this, out of reach of children.

SECTION IX – TRANSPORTATION INFORMATION

All products listed in Section I are water-based acrylic paints which are not "Dangerous Goods" as classified in the International Air Transport Association's (IATA) Dangerous Goods Regulations. They are not flammable (as described in Class 3 or Class 4 criteria), poisonous or corrosive, nor do they fall within any other class description of "Dangerous Goods".

A "UN NUMBER" does not apply to these materials because such numbers are assigned only to "Dangerous Goods" by the United Nations Committee of Experts on the Transport of Dangerous Goods.

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