

HMIS RATING	
Health	2
Flammability	3
Reactivity	0

MATERIAL SAFETY DATA SHEET

KIMBALL-MIDWEST
P.O. BOX 2470
COLUMBUS, OH 43216-2470
CORPORATE & EMERGENCY TELEPHONE: (614) 228-6701

NFPA 704 RATING	
Health	N/A
Flammability	N/A
Reactivity	N/A
NFPA 30B LEVEL	
N/A	

1. PRODUCT IDENTIFICATION

PART NUMBER.....83-754
PRODUCT NAME.....Ultra-Mark Paint Marker - Yellow
CHEMICAL FAMILY.....Paint
DOT SHIPPING.....Consumer Commodity ORM-D

2. HAZARDOUS INGREDIENTS

SPECIFIC CHEMICAL IDENTITY, COMMON NAMES	OSHA PEL	ACGIH TLV	STEL	%
Butyl Acetate (123-86-4)	150ppm	150ppm	-	45-55
1-Methoxy-2-Propanol Acetate (108-65-6)	N/D	N/D	N/D	20-30
Diarylide Yellow (5468-75-7)	N/D*	N/D*	N/D	10-20
Aromatic Naptha, Light (64742-95-6)	100ppm	N/D	N/D	1-10
Titanium Dioxide (13463-67-7)	10mg/m3*	10mg/m3*	-	1-10

All chemical compounds marked with an asterisk (*) are toxic chemicals subject to the reporting of Section 313 of Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372. You must notify each person to whom this mixture of trade name product is sold. This statement must not be detached. Any copy or redistribution of this Material Safety Data Sheet shall include this statement.

* Free Dust - Not bound in paint/ink matrix.

3. PHYSICAL DATA

BOILING POINT (RANGE).....252°F
VAPOR PRESSURE PSIG @ 68°F.....N/D
VAPOR DENSITY.....>1
SOLUBILITY IN WATER.....Slight
SPECIFIC GRAVITY (H₂O = 1).....>1.0
MELTING/FREEZING POINT.....N/A
EVAPORATION RATE.....<1
VOC content (by weight).....<85%
APPEARANCE AND ODOR.....Yellow opaque thin viscosity liquid with sweet odor.

4. FIRE AND EXPLOSION DATA

FLASH POINT.....81°F TCC
UPPER EXPLOSIVE LIMIT (%).....7.6%
LOWER EXPLOSIVE LIMIT (%).....1.7%
EXTINGUISHING MEDIA.....Water spray, Dry chemical, CO₂, foam.
SPECIAL FIREFIGHTING PROCEDURES.....Keep containers cool and vapors down with water spray. Prevent spill from entering drains, sewers, streams or other bodies of water. Do not enter confined fire space without full bunker (helmet with face shield, bunker coats, gloves and rubber boots); including a positive pressure NIOSH approved self-contained breathing apparatus.
UNUSUAL FIRE AND EXPLOSION HAZARDS.....Vapors are heavier than air and may travel along ground, or be moved by ventilation and be ignited by ignition source.

5. HEALTH EFFECTS DATA

SHORT TERM EFFECTS OF EXPOSURE

ROUTE OF ENTRY.....Ingestion, Eye contact, Skin contact. Inhalation
HEALTH HAZARDS (ACUTE AND CHRONIC).....Flammable liquid and vapor. Keep away from heat sparks and flames. May cause eye, skin and respiratory tract irritation. Prolonged or repeated contact may cause skin sensitization or dermatitis. Reports have associated repeated and prolonged occupational overexposure to solvents with irreversible brain and nervous system damage. Intentional misuse by deliberately concentrating or inhaling this product may be harmful or fatal.
EYE CONTACT.....Moderately irritating to eyes.
SKIN CONTACT.....Mildly irritating to skin.
INGESTION.....May cause vomiting.
INHALATION.....High concentration of vapors may produce irritation of the respiratory tract, headache, dizziness, and nausea.

5. HEALTH EFFECTS DATA (CON'T)

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE.....None known.

FIRST AID PROCEDURES

EYE CONTACT.....Immediately flush eyes with plenty of water for 15 minutes. Obtain medical attention.
SKIN CONTACT.....Wash with copious water. Remove contaminated clothing and shoes.
INHALATION.....Seek fresh air. Give artificial respiration if not breathing. If breathing is difficult, give oxygen. Obtain medical attention immediately.
INGESTION.....Do not induce vomiting. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

SPECIAL HEALTH EFFECTS

CARCINOGEN (OSHA Guidelines).....IARC has classified Titanium Dioxide as a possible human carcinogen (2B). This product contains trace quantities of Antimony, Chromium, Lead, and Toluene, chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

6. REACTIVITY

STABILITY.....Stable
INCOMPATIBILITIES.....Strong oxidizing and reducing agents, strong alkalis and strong acids.
HAZARDOUS DECOMPOSITION PRODUCTS.....Carbon monoxide, carbon dioxide, smoke, soot and various organic oxidation by-products.
HAZARDOUS POLYMERIZATION.....Will not occur under normal conditions.
HAZARDOUS POLYMERIZATION CONDITIONS.....None known.

7. PRECAUTIONS FOR SAFE HANDLING & USE

PROTECTIVE EQUIPMENT REQUIREMENTS.....Eye protection: Safety glasses. Other protective clothing not required.
WASH REQUIREMENTS.....Wash with soap and water.
SPILL OR LEAK PROCEDURES.....Remove all ignition sources, ventilate area, use absorbent material to clean spill.
WASTE DISPOSAL METHODS.....Dispose of in accordance with local, state, and federal regulations.
HANDLING & STORAGE.....Avoid contact with eyes. Keep away from heat, fire, and strong oxidants. Store in a cool place (room temperature). Use adequate ventilation. Keep container lid tightly closed when not in use. Keep away from children.
OTHER PRECAUTIONS.....None necessary under normal use conditions

8. ADDITIONAL INFORMATION

Use self-contained breathing apparatus if TLV limits are exceeded. Do not eat or smoke while using. Wash hands after use. Use positive pressure air supplied respirator if there is potential for uncontrolled release, if exposure levels are unknown, or in any circumstance where air purifying respirators may not provide adequate protection.

THE INFORMATION GIVEN AND THE RECOMMENDATIONS MADE HEREIN APPLY TO OUR PRODUCT(S) ALONE AND ARE NOT COMBINED WITH OTHER PRODUCTS. SUCH INFORMATION IS BASED UPON OUR RESEARCH AND ON DATA FROM OTHER RELIABLE SOURCES AND IS BELIEVED TO BE ACCURATE. NO GUARANTEE OF ACCURACY IS MADE. IT IS THE PURCHASER'S RESPONSIBILITY BEFORE USING ANY PRODUCT TO VERIFY THIS DATA UNDER THEIR OWN OPERATING CONDITIONS AND TO DETERMINE WHETHER THE PRODUCT IS SUITABLE FOR THEIR PURPOSES.

KIMBALL MIDWEST

Specializing in Materials Management since 1923