

SAFETY DATA SHEET Per OSHA HCS

Date SDS Printed & Reviewed: 05/31/15

Last Formula Revision Date: 01/06/12

(SPE)

SECTION 1: IDENTIFICATION**PRODUCT IDENTIFIER:**

80-1186
SCHOOL BUS YELLOW
Ultra Pro-Max Paint Marker

OTHER MEANS OF IDENTIFICATION (FOR CHEMTREC): FORMULA # 15E036N0.3**RECOMMENDED USE OF THE CHEMICAL:** LIQUID COATING**SUPPLIER DETAILS: MANUFACTURED FOR:**

KIMBALL MIDWEST
4800 ROBERTS ROAD
COLUMBUS, OH 43228-9791
800-233-1294

EMERGENCY TELEPHONE NUMBERS:

Chemtrec 24-hour Emergency Phone: (800) 424-9300
Chemtrec Foreign Emergency Phone: (703) 527-3887

SECTION 2: HAZARDS IDENTIFICATION**CLASSIFICATION OF THE SUBSTANCE OF MIXTURE:**

Flammable Liquids, Category 2
Acute Toxicity - Oral, Category 4
Aspiration Hazard, Category 1
Acute Toxicity - Dermal, Category 4
Skin Corrosion/Irritation, Category 2
Serious Eye Damage/Eye Irritation, Category 2A
Acute Toxicity - Inhalation, Category 4
Germ Cell Mutagenicity, Category 1A,1B
Carcinogenicity, Category 1A,1B
Specific Target Organ Toxicity - Repeated Exposure, Category 2

HAZARD PICTOGRAMS:

GHS02 Flame, GHS07 Exclamation Mark, GHS08 Health Hazard

SIGNAL WORD: DANGER**HAZARD STATEMENTS:**

H225 Highly flammable liquid and vapor.
H302 Harmful if swallowed.
H304 May be fatal if swallowed and enters airways.
H312 Harmful in contact with skin.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H332 Harmful if inhaled.
H340 May cause genetic defects.
H350 May cause cancer.
H373 May cause damage to organs through prolonged or repeated exposure.

PRECAUTIONARY STATEMENTS:**GENERAL & PREVENTION:**

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P102 Keep out of reach of children.
P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P210 Keep away from heat/sparks/open flames. No smoking.
P233 Keep container tightly closed when not in use.
P261-1 Avoid breathing vapor.
P264 Wash hands thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P271 Use only outdoors or in a well-ventilated area.
P280 Wear eye protection.

RESPONSE:

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.
P302+P350 IF ON SKIN: Wash with plenty of soap and water.
P302+P352 IF ON SKIN: Wash with plenty of soap and water.
P304+P340 IF INHALED: Remove victim to fresh air and keep comfortable for breathing.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P312 Call a POISON CENTER/doctor if you feel unwell.
P331 Do NOT induce vomiting.
P337+P313 If eye irritation persists: Get medical advice/attention.
P370+P378 In case of fire: Use alcohol resistant foam, carbon dioxide, or dry chemical extinguishing agent to extinguish.

STORAGE:

P403+P235 Store in a well-ventilated place. Keep cool.

DISPOSAL:

P501 Dispose of contents/container in accordance with local/regional/national regulations.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

<u>#</u>	<u>COMPONENT</u>	<u>CAS#</u>	<u>% by WT.</u>
1	TBA (TERTIARY BUTYL ACETATE)	540-88-5	25.0
2	PETROLEUM SOLVENT	64742-47-8	14.1
3	BARIUM SULFATE	7727-43-7	11.6
4	PM ACETATE	108-65-6	4.9
5	*TITANIUM DIOXIDE	13463-67-7	3.8
6	XYLENE	1330-20-7	0.8
7	ALIPHATIC PETROLEUM NAPHTHA	64742-48-9	0.8

SECTION 4 - FIRST AID MEASURES

Inhalation: If inhaled: Move victim to fresh air and keep comfortable for breathing.

Skin Contact: If on skin: Wash with plenty of soap and water. Call a poison center/doctor if you feel unwell.
Remove contaminated clothing and wash before reuse.

Eye Contact: If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Ingestion: If swallowed: Immediately call a poison center/doctor. Do NOT induce vomiting unless directed to

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do so by medical personnel.

MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED:

See Section 11: Toxicological Information and effects.

INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT REQUIRED:

Treat symptomatically.

SECTION 5 - FIRE-FIGHTING MEASURES

Suitable Extinguishing Media: CO₂ (Carbon Dioxide), dry chemical, or water fog.

Unsuitable Extinguishing Media: Water spray may be unsuitable. However, if water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build-up.

Specific Hazards Arising From the Chemical: Closed containers exposed to heat from fire may build pressure and explode. Products of combustion may include but are not limited to: oxides of carbon.

Special Protective Equipment and Precautions for Fire-Fighters: Full protective equipment including self-contained breathing apparatus should be used.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personal Precautions: Use personal protection recommended in Section 8.

Environmental Precautions: None known.

Methods of Containment: Absorb spilled liquid in suitable material.

Methods for Clean-Up: Use spark-proof tools to sweep or scrape up and containerize.

Other Information: Ensure adequate ventilation.

SECTION 7 - HANDLING AND STORAGE

Precautions for Safe Handling:

Vapors may ignite explosively. Prevent buildup of vapors. Keep from sparks, heat, flame or other heat sources.

Do not smoke. Turn off pilot lights, heaters, electric motors and other sources of ignition during use and until all vapors are gone. Do not puncture or incinerate/burn container. Keep container tightly closed while not in use.

Conditions for Safe Storage, Including Any Incompatibilities:

Store in dry, well-ventilated area and in accordance with federal, state, and local regulations. Do not expose to heat or store at temperatures above 50 degrees C / 122 degrees F. If storing in cold temperatures, allow product to warm to room temperature before use. Keep container tightly closed and away from heat and sunlight when not in use.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

CONTROL PARAMETERS

<u>#</u>	<u>COMPONENT</u>	<u>ACGIH TLV-STEL</u>	<u>ACGIH TLV-TWA</u>	<u>OSHA PEL-TWA</u>
1	TBA (TERTIARY BUTYL ACETATE)	N/E	200 ppm	200 ppm
2	PETROLEUM SOLVENT	N/E	N/E	400 ppm
3	BARIUM SULFATE	N/E	10 mg/m ³	15 mg/m ³
4	PM ACETATE	N/E	10 mg/m ³	N/E
5	*TITANIUM DIOXIDE	N/E	10 mg/m ³ ppm	15 mg/m ³ ppm
6	XYLENE	150 ppm	100 ppm	100 ppm
7	ALIPHATIC PETROLEUM NAPHTHA	N/E	100 ppm	500 ppm

APPROPRIATE ENGINEERING CONTROLS: Provide adequate ventilation to keep air contamination below OSHA

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permissible exposure limits and ACGIH TLV exposure levels.

EYE/FACE PROTECTION: Wear safety glasses with side shields. Have eye wash facilities immediately available.

SKIN PROTECTION: Wear chemical resistant gloves if contact is likely.

RESPIRATORY PROTECTION: Use NIOSH-approved air-purifying respirator with organic cartridge or canister if exposure cannot be controlled within applicable limits with ventilation.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid
COLOR: See product identification
ODOR: Solvent Odor
ODOR THRESHOLD: No Data Available
pH: No Data Available
FREEZING POINT: Not established (mixture)
BOILING POINT: 75 - 186 degrees C (167 - 367 degrees F)
FLASH POINT: >23 degrees C (>73 degrees F), c.c.
EVAPORATION RATE: Slower than ether
UPPER FLAMMABILITY LIMIT: Not established (mixture)
LOWER FLAMMABILITY LIMIT: Not established (mixture)
VAPOR PRESSURE: Not established (mixture)
SPECIFIC GRAVITY: 1.051
SOLUBILITY (WATER): Negligible
VOC PERCENT BY WEIGHT: 20.51
HAPS PERCENT BY WEIGHT: 0.79
MIR NUMBER (EPA AND CA):

SECTION 10: STABILITY AND REACTIVITY

CHEMICAL STABILITY: Stable under normal conditions.
POSSIBILITY OF HAZARDOUS REACTIONS: Will not occur.
CONDITIONS TO AVOID: Keep away from heat, sparks, and flames.
INCOMPATIBLE MATERIALS: Strong oxidizing agents.
HAZARDOUS DECOMPOSITION PRODUCTS: by fire - Carbon Dioxide and Carbon Monoxide

SECTION 11: TOXICOLOGICAL INFORMATION

LIKELY ROUTES OF ENTRY: Skin contact, Inhalation, Eye contact, Ingestion

SIGNS AND SYMPTOMS OF EXPOSURE:

Skin Contact: Signs/symptoms may include localized redness, itching, drying and cracking of skin.

Inhalation: Intentional concentration and inhalation may be harmful or fatal.

Eye Contact: Signs/symptoms may include significant redness, swelling, pain, tearing, cloudy appearance of the cornea, and impaired vision.

Ingestion: Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.

TARGET ORGANS POTENTIALLY AFFECTED BY EXPOSURE:

Central nervous system, Kidneys, Lungs, Liver, Eyes, Respiratory Tract, Skin

TOXICOLOGICAL DATA:

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#	COMPONENT	LD50 ORAL	LD50 DERMAL
1.	TBA (TERTIARY BUTYL ACETATE)	N/E	N/E
2.	PETROLEUM SOLVENT	N/E	N/E
3.	BARIUM SULFATE	N/E	N/E
4.	PM ACETATE	8535	5000
5.	*TITANIUM DIOXIDE	N/E	N/E
6.	XYLENE	4300	2000
7.	ALIPHATIC PETROLEUM NAPHTHA	N/E	N/E

* May cause cancer.

SECTION 12: ECOLOGICAL INFORMATION

No Data Available

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose of container and its contents in accordance with federal, state, and local regulations.

Do not puncture, incinerate, or place container in trash compactor.

SECTION 14: TRANSPORTATION INFORMATION

GROUND (D.O.T./49 CFR)

UN I.D. Number: UN1263 Proper Shipping Name: PAINT
Transport Hazard Class: 3 Packing Group: III
Hazard Label: Limited Quantity (LTD QTY) label -- see 49 CFR 172.315
Shipping Papers format: UN1263, PAINT, 3, III, LTD QTY
SPECIAL NOTE: If containers have <30ml (1 fl.oz.) flammable liquid, they may be exempt from 49 CFR - see 40 CFR 173.4 Small Quantity Exceptions. Note that outer package needs statement "This package conforms to 49 CFR 173.4 for domestic highway or rail transport only."

AIR (IATA)

UN I.D. Number: UN1263 Proper Shipping Name: PAINT
Transport Hazard Class: 3 Packing Group: III
Hazard Label: LTD QTY label with "Y", and Flammable Liquid label
Packing Instruction: Y344 (Note 10L maximum per package!)
Shipping papers format: UN1263, PAINT, 3, III
SPECIAL NOTE: If containers have <30ml (1 fl. oz.), they may qualify to be shipped as Excepted Quantity - see IATA 2.6 for details.

WATER (IMDG)

UN I.D. Number: UN1263 Proper Shipping Name: PAINT
Transport Hazard Class: 3 Packing Instructions: P001, LP01
Packing Group: III Hazard Label: LTD QTY label, see IMDG 3.4.5.1
EmS: F-E, S-E Stowage and Segregation: Category A
Shipping papers format: UN1263, PAINT, 3, III, (23 C c.c.), LTD QTY
IMPORTANT NOTE: If containers have <30ml (1 fl. oz.), they may qualify to be shipped as an Excepted Quantity, see IMDG 3.5.1 for details.

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SECTION 15: REGULATORY INFORMATION

International Chemical Inventory

All components of this product are listed on or exempt from the following inventories:

TSCA (United States), CEPA/DSL (Canada), AICS (Australia), IECSC (China)

SARA Section 313 Toxic Chemicals:

XYLENE 1330-20-7

Chemicals listed above are subject to the SARA reporting requirements under 40 CFR 372.45(c)(5).

SECTION 16: OTHER INFORMATION

REVISION DATE: 01/06/12

HMIS & NFPA Hazard Scale:

0=minimal, 1=slight, 2=moderate, 3=serious, 4=severe

HMIS(American Coatings Association's Hazardous Material Identification System):

Health = 2 Flammability = 3 Physical Hazard = 1

NFPA 704(National Fire Protection Association's Hazard Identification Ratings System):

Health = 2 Flammability = 3 Instablity = 1

This SDS is based on information believed to be reliable and accurate. Because of changing reporting requirements and other variables it is impossible to guarantee with complete accuracy all the information contained in this document. It is the responsibility of the user to determine proper personal protection based on actual condition of use and to comply with all federal, state, and local laws and regulations.