

\*\*\* MATERIAL SAFETY DATA SHEET \*\*\*  
 FOR COATINGS, RESINS AND RELATED MATERIALS PAGE: 1

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SECTION I - PRODUCT IDENTIFICATION

PRODUCT NUMBER : 26408 HMIS RATING: -3-3-0-H  
 PRODUCT NAME : YELLOW CONCENTRATE  
 PRODUCT CLASS : Speciality Coats

SECTION II - HAZARDOUS INGREDIENTS

INGREDIENT	**TLV-UNITS PPM**			LOWER EXPOS LIMIT	VAPOR PRESSURE
	PERCENT WEIGHT	ACGIH- TWA	ACGIH- PEL STEL		
BUTYL CELLOSOLVE CAS# 111-76-2	3.47	25.00	0.00	1.10	0.40
METHANOL CAS# 67-56-1	94.46	200.00	250.00	7.30	96.00

LEL is expressed in percent; Vapor expressed in mmHg.  
 The above underlined items are found on Section 313 of the Toxic Chemical List.

SECTION III - PHYSICAL DATA

BOILING RANGE: 147.00 to 339.00 deg. F.

VAPOR DENSITY:  HEAVIER  LIGHTER THAN AIR  
 EVAPORATION RATE:  FASTER  SLOWER THAN ETHER

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY CLASSIFICATION:  
 OSHA: FLAMMABLE LIQUID -CLASS IB FLASH POINT: 54.00 deg. F.  
 DOT: FLAMMABLE LIQUID OR SOLID

EXTINGUISHING MEDIA:  
 Foam, CO2, Dry Chemical, Water Fog.  
 Use any class B Approved Fire Extinguisher

UNUSUAL FIRE AND EXPLOSION HAZARD:  
 Keep containers tightly closed. Isolate from heat, Electrical Equipment, Sparks and Open Flame. Closed containers may explode when exposed to extreme heat. Application to hot surfaces requires special precautions.

SPECIAL FIREFIGHTING PROCEDURES:  
 Water spray may be ineffective. If water is used,  
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SECTION IV - FIRE AND EXPLOSION HAZARD DATA continued

fog nozzles are preferable. Water may be used to cool containers to prevent pressure build-up and explosion. Use full protective equipment including self-contained breathing apparatus for protection.

SECTION V - HEALTH HAZARDS

EFFECTS OF OVER EXPOSURE:

Prolonged and repeated contact may cause defatting of skin with irritation. Liquid may cause irritation.

MEDICAL CONDITIONS PRONE TO AGGRAVATION:

Inhalation by persons with respiratory problems could have the condition additionally aggravated.

PRIMARY ROUTE OF ENTRY:

DERMAL  INHALATION  INGESTION

EMERGENCY AND FIRST AID PROCEDURES:

Skin contact - flush afflicted areas with water.  
Fumes - remove from exposure.  
Eye Contact - irrigate with water for 15 minutes.  
INGESTION:delute with water don't induce vomiting  
unti consulting with a Doctor or Poison control

SECTION VI - REACTIVITY DATA

STABILITY  UNSTABLE  STABLE

HAZARDOUS POLYMERIZATION  MAY OCCUR  WILL NOT OCCUR

HAZARDOUS DECOMPOSITION PRODUCTS:

CLOSE CAN AFTER EACH USE. PROMPTLY DISCARD ALL USED RAGS OR TOWELS IN A WATER FILLED CONTAINER. FAILURE TO DO SO MAY RESULT IN SPONTANEOUS COMBUSTION.

CONDITIONS TO AVOID:

Do not incinerate

INCOMPATIBILITY (MATERIALS TO AVOID):

CLOSE CAN AFTER EACH USE. PROMPTLY DISCARD ALL USED RAGS OR TOWELS IN A WATER FILLED CONTAINER. FAILURE TO DO SO MAY RESULT IN SPONTANEOUS

(continued on page: 3)

SECTION VI - REACTIVITY DATA continued

COMBUSTION.

SECTION VII - SPILL OR LEAK PROCEDURES

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

Remove sources of ignition and provide ventilation. Use scoop on large spills and absorbent material on small spills. Avoid breathing vapor and use respiratory protection. Flush area with water. Hold clean-up materials for disposal.

WASTE DISPOSAL METHOD:

Dispose of in closed containers. Do not incinerate. Bury in landfill where permitted. Disposal should be done in accordance with federal, state and local regulations.

SECTION VIII - SAFE HANDLING AND USE INFORMATION

RESPIRATORY PROTECTION:

For confined areas use an all purpose canister mask. (approved by Bureau of Mines)

VENTILATION:

Adequate ventilation should be provided to keep vapor concentration below the explosion limit. Heavy solvent vapors should be removed from lower work areas. All motors should be explosion proof.

PROTECTIVE GLOVES:

NITRILE/NEOPRENE GLOVES

EYE PROTECTION:

Safety glasses or face shield

OTHER PROTECTIVE EQUIPMENT:

Safety shower and eye bath

HYGIENIC PRACTICES:

Wash hands before eating or using washroom. Smoke in designated areas only.

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS FOR HANDLING AND STORAGE:

Store in a cool place. Rotate stock. Workers  
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SECTION IX - SPECIAL PRECAUTIONS continued

should wear cotton clothing to guard against static charges.

OTHER PRECAUTIONS:

Do not take internally, avoid prolonged contact with skin, ground containers when pouring. Avoid static charges.

SECTION X - ADDITIONAL NON-HAZARDOUS INGREDIENTS

YELLOW 47 CAS#71077-14-0

SECTION XI - DER REPORTING INFORMATION

PRODUCT NUMBER : 26408

COATING DENSITY	6.69	LB/GAL	PCT WEIGHT HAPs	97.93 %
VOC DENSITY	6.63	LB/GAL	PCT VOLUME HAPs	98.85 %
VOC(MINUS EXEPMTS)	6.55	LB/GAL		
			PCT WEIGHT VHAPs	97.93 %
LB HAPs/LB SOLID	47.14		PCT VOLUME VHAPs	98.85 %
LB VHAPs/LB SOLID	47.14			
LB VOC/LB SOLID	47.14			
PCT WEIGHT SOLIDS	2.08 %		PCT VOLUME SOLIDS	1.16 %
PCT WEIGHT VOC	97.92 %		PCT VOLUME VOC	98.84 %
PCT WEIGHT EXEMPTS	0.00 %		PCT VOLUME EXEMPTS	0.00 %

NOTES:

1. ABOVE VALUES ARE ON AS SUPPLIED BASIS AND DO NOT TAKE INTO ACCOUNT ANY ADDITIONS MADE PRIOR TO APPLICATION
2. VALUES ARE CALCULATED FROM FORMULAS AND ARE THEREFORE THEORETICAL IN NATURE

NOTE: The information herein is given in good faith, but no Warranty, express or implied, is made.

Product Data Sheet  
The Lawrence-McFadden Company  
7430 State Road  
Philadelphia, PA 19136  
215-624-6333 (phone)  
215-624-2270 (fax)

.Product Identification

Product Number: 26408  
Product Name : YELLOW CONCENTRATE  
Product Class : Speciality Coats

.Total Volatile Hazardous Air Pollutant (VHAP) Content (maximum)

Pounds per gallon 6.56  
Percent by weight 97.93  
Pounds VHAP per 1.0 pounds solids 47.14

.Total Hazardous Air Pollutant (HAP) Content (maximum)

Pounds per gallon 6.56  
Percent by weight 97.93  
Pounds HAP per 1.0 pounds solids 47.14

.Solids Content (weight percent)

Percent by weight 2.08

.VOC Content

Pounds per gallon minus exempts 6.55  
Percent by weight 97.93  
Pounds VOC per 1.0 pounds solids 47.14

.Density

Pounds per gallon 6.69

.Notes

- 1) All data provided are 'as supplied' (as formulated).
- 2) All data is calculated from formulation data.
- 3) The information contained in this document is provided to assist the user of this product in complying with appropriate Federal, State and local laws and regulations. Although the Lawrence-McFadden Company believes the data contained herein to be accurate and to have been derived from reliable sources, the providing of this information is not intended to constitute a warranty or a representation of performance by The Lawrence-McFadden Company.
- 4) The Lawrence-McFadden Co. certifies to the best of our belief and knowledge that the above data represents the maximum VOC emission potential of the coating.

Date: 08/09/04