

MANUFACTURER'S NAME:
ZODAR COMPANY
87 N NORTH BRANCH ST
CHICAGO IL 60622
EMERGENCY TELEPHONE NO. 312-943-8338 DAY
312-943-8338 NIGHT
SECTION 1 -- PRODUCT INFORMATION

PRODUCT CODE: 5501
TRADE NAME: PRIMROSE YELLOW FLAT POSTER INK
PRODUCT CLASS: ETHYL CELLULOSE LACQUER
PRODUCT GROUP: 55
MANUFACTURER'S CODE IDENTIFICATION: 5501

INGREDIENT	HAZARDOUS INGREDIENTS				VAPOR PRESSURE
	PERCENT BY WGT.	OCCUPATIONAL TLV U/M	EXPOSURE PEL U/M	LIMITS	
LE 66 MINERAL SPIRITS (ALIPHATIC TRO DISTILLATE) CAS#:84742-88-7	32.00	100.00PPM	500.00PPM	2MMHG@200C	
ETYL INORGANIC LEAD (REPORTED AS LEAD)	14.00	.05MG/M3	.05MG/M3		
ROMANATES (REPORTED AS CHROMIUM)	3.00	.05MG/M3	.05MG/M3		

SECTION 3 -- PHYSICAL DATA
BOILING RANGE: 315 DEG F - 385 DEG F
VAPOR DENSITY: LIGHTER THAN AIR
EVAPORATION RATE: SLOWER THAN ETHER
PERCENT VOLATILE BY VOLUME: 62.00
REPORT VOC: 3.98 LB/GL
WEIGHT PER GALLON: 12.38 LBS
SECTION 4 -- FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY CLASSIFICATION: OSHA:
Combustible Liquid Class II
FLAMMABILITY CLASSIFICATION: DOT:
Combustible Liquid
FLASH POINT:
105 DEG F TCC
OTHER EXPLOSIVE LEVEL:
EXTINGUISHING MEDIA:
Foam, CO2, Dry Chemical

USUAL FIRE AND EXPLOSION HAZARDS:
Keep containers tightly closed. Isolate from heat, electrical equipment, sparks, and open flame. Closed containers may explode when exposed to extreme heat. Do not apply to hot surfaces. Water spray may be ineffective. Water may be used to cool closed containers to prevent pressure buildup and possible autoignition or explosion exposed to extreme heat. If water is used, fog nozzles are preferable.
SPECIAL FIREFIGHTING PROCEDURES:
N/A
OTHER COMMENTS:
N/A
SECTION 5 -- HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE:
Inhalation: Anesthetic. Irritation of the respiratory tract or acute nervous system depression characterized by headache, dizziness, staggering

gait, confusion, unconsciousness or coma. Skin or eye contact: Primary irritation. Contains lead and chromates and the physician should be so advised.
MEDICAL CONDITIONS PRONE TO AGGRAVATE BY EXPOSURE:
N/A

PRIMARY ROUTE(S) OF ENTRY:
Dermal and Inhalation.
EMERGENCY AND FIRST AID PROCEDURES:
Fumes: Remove from exposure. Restore breathing. Keep warm and quiet. Notify a physician. Splash (Eyes): Flush immediately with copious quantities of running water for at least 15 minutes. Take to a physician for definitive medical treatment. Splash (Skin): Remove with soap and water. Remove contaminated clothing. Do not induce vomiting if swallowed.

OTHER COMMENTS:
N/A
SECTION 6 -- REACTIVITY DATA
STABILITY:
Stable
CONDITIONS TO AVOID:
N/A
INCOMPATIBILITY (WITH MATERIALS):
N/A

HAZARDOUS DECOMPOSITION PRODUCTS:
May produce hazardous fumes when heated to decomposition as in welding. Fumes may contain carbon monoxide and oxides of nitrogen. In the event of fire, lead oxide and chromium oxide may be produced.
HAZARDOUS POLYMERIZATION:
Will not occur.

OTHER COMMENTS:
N/A
SECTION 7 -- SPILL OR LEAK PROCEDURES
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:
Remove all sources of ignition (flames, hot surfaces, and electrical, static or frictional sparks). Avoid breathing vapors. Ventilate area. Remove with inert, absorbent and non-sparking tools.

WASTE DISPOSAL METHOD:
Dispose of in accordance with applicable local, county, state and federal regulations. Do not incinerate closed containers.
OTHER COMMENTS:
N/A
SECTION 8 -- SPECIAL PROTECTION INFORMATION
RESPIRATORY PROTECTION:
In outdoor or open areas, use Mine Safety and Health Administration (MSHA), or National Institute for Occupational Safety and Health (NIOSH) approved mechanical filter respirator to remove solid airborne particles of overspray during spray applications. In restricted ventilation areas, use MSHA or NIOSH approved chemical-mechanical filters designed to remove a combination of particulate and gas and vapors. In confined areas, use MSHA or NIOSH approved airline type respirators or hoods.

VENTILATION:
Provide general dilution or local exhaust ventilation in volume and pattern to keep TLV of most hazardous ingredient in Section II below acceptable limit, LEL in Section IV below stated limit, and to remove decomposition

product.

PROTECTIVE GLOVES:
Solvent resistant gloves required for prolonged or repeated contact.

EYE PROTECTION:
Use safety eyewear designed to protect against splash of liquids.

OTHER PROTECTION:
Prevent prolonged skin contact with contaminated clothing.

HYGIENIC PRACTICES:
Wash with soap and water before eating, smoking, or using toilet facilities.

OTHER COMMENTS:
N/A

SECTION 9 -- SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Do not store above 120 degrees F. Store large quantities in buildings designed for storage of NFPA Class II combustible liquids.

OTHER PRECAUTIONS:

Do not take internally. Containers should be grounded when pouring. Avoid free fall of liquids in excess of a few inches. Do not flame cut, braze, or weld without MSHA or NIOSH approved respirator or appropriate ventilation.

OTHER COMMENTS:
N/A

SECTION 10 -- DISCLOSURE

DISCLOSURE INFORMATION:

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind expressed or implied is made with respect to the information contained herein.



MINERALS, PIGMENTS & METALS DIVISION

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97-4213
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ATTN:

Gentlemen:

Please be advised that the Montana talc's which you purchased contain no detectable quantities of tremolite or any of the asbestiform minerals.

PRODUCT: MP 50-30

PURCHASE ORDER #: _____

LOT: _____

CUSTOMER ORDER DATE : _____

DATE TESTED: _____

% Acid soluble substances, (2.0% maximum): _____

% Water soluble substances, (0.1% maximum): _____

Reaction, (Neutral): Neutral

Water soluble iron: Passes

Loss on ignition at 1000°C, (less than 6.5%): _____

Microbiological count, (500/gram maximum): Passes

This lot of MP talc complies with U.S.P. specifications.

Mike Duffy
Quality Assurance Manager
_____, _____, _____

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