

MATERIAL SAFETY DATA SHEET  
THE TESTOR CORPORATION  
620 BUCKBEE STREET  
ROCKFORD, ILLINOIS 61104

Telephone number: (815) 962-6654 (M-F 8:00 AM - 4:30 PM CDT)  
24 hour Chemtrec telephone number: \* (800) 424-9300 Page 1 of 3  
\*TO BE USED ONLY IN THE EVENT OF CHEMICAL EMERGENCIES INVOLVING  
A SPILL, LEAK, FIRE, EXPOSURE, OR ACCIDENT INVOLVING CHEMICALS.

Date prepared: 5/19/92

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This MSDS complies with OSHA 29 CFR 1910.1200 (The Hazard Communication Standard)  
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----- SECTION I - PRODUCT IDENTIFICATION -----

PRODUCT IDENTITY (TRADE NAME): #1148 Thinner For Oil Base Brushing Enamel  
1/4 oz. Bottles.

----- SECTION II - HAZARDOUS INGREDIENTS -----

<u>SPECIFIC CHEMICAL NAME</u>	<u>CAS #</u>	<u>% WT</u>	<u>OSHA PEL/TWA</u>	<u>ACGIH TLV/TWA</u>
Xylol (Xylene)	1330-20-7	1-5	100 ppm.	100 ppm.
Ethyl Benzene	100-41-4	1-5	100 ppm.	100 ppm.
n-Propoxy Propanol	1569-01-3	90-95	Not Estab.	Not Estab.
Aromatic Hydrocarbon Solvent (High Boiling)	64742-94-5	1-5	100 ppm.* * Industry Recommendation	100 ppm.*

----- SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS -----

BOILING RANGE: 272 to 395 deg.F	SPECIFIC GRAVITY (Water=1): .880
GALLON WEIGHT OF PRODUCT (Lbs/Gal): 7.33	VAPOR PRESSURE: 2 mm Hg @ 20 deg.C (calc.)
PERCENT VOLATILES (By Volume): 100	VAPOR DENSITY: Heavier than air.
	EVAPORATION RATE: Slower than Ethyl Ether.

----- SECTION IV - FIRE & EXPLOSION HAZARD DATA -----

FLASH POINT (SFCC): 110 deg.F  
OSHA FLAMMABILITY CLASSIFICATION: Combustible Liquid - CLASS II  
FLAMMABLE LIMITS (calc.) IN AIR: LEL 1.0 ,UEL 16.9  
EXTINGUISHING MEDIA: Alcohol resistant foam, carbon dioxide, or dry chemical.  
SPECIAL FIRE FIGHTING PROCEDURES: Caution: Combustible. Dilution with water will reduce burning rate. Avoid breathing vapors. Keep personnel removed from and upwind of fire. Wear full protective equipment: Eye/Face Shield, Body (Full Bunker Gear), Respiratory (SCBA).  
UNUSUAL FIRE AND EXPLOSION HAZARDS: Cool fire exposed containers with water spray (fog). Vapors may travel to ignition source and flash back. This material may produce a floating fire hazard in extreme fire conditions. Overexposure to decomposition products may cause a health hazard.

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----- SECTION V - SPILL OR LEAK PROCEDURES -----

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Caution: Combustible.  
Contain spilled product by diking. Eliminate all possible ignition sources.  
Provide adequate ventilation. Equip emergency responders with appropriate  
personal protection equipment. Take up spill with an absorbent material and  
place in non-leaking container. Seal container for proper disposal.

WASTE DISPOSAL METHOD:

Do not incinerate closed containers. Dispose of in accordance with local,  
state, and federal regulations.

----- SECTION VI - HEALTH HAZARD DATA -----

PRIMARY ROUTES OF ENTRY: Inhalation and skin contact.

CARCINOGENICITY: NTP? NO IARC? NO OSHA REGULATED? NO

EFFECTS OF OVEREXPOSURE:

EYE CONTACT: Vapor will cause stinging sensation, tear production and slight  
redness of conjunctiva. Liquid contact will produce pain and moderate  
conjunctivitis. Minor cornea injury expected to last a day or so may occur.

SKIN CONTACT: Contact for a few hours may result in the development of mild to  
moderate local redness and swelling. Sustained contact of many hours may  
cause more severe redness and swelling and possibly the development of local  
ulceration and necrosis. Can be absorbed due to prolonged contact.

BREATHING: Vapor may be irritating, causing discomfort or stinging sensations  
in the nose, throat and chest with nasal discharge, coughing and difficulty  
with breathing. Prolonged exposure to moderately high concentrations may cause  
dizziness, headache, faintness, weakness, incoordination of movements, speech  
difficulties, and loss of consciousness.

SWALLOWING: Moderately Toxic. Effects may include stinging or burning  
sensation in the mouth and throat and possibly swelling and irritation  
of the digestive tract. There may be nausea, vomiting, diarrhea, dizziness,  
unconsciousness and possibly liver and kidney injury.

CHRONIC OVEREXPOSURE: Repeated skin contact may cause drying of the skin and  
with heavy repeated skin contact there may be progressive dermatitis.

----- SECTION VII EMERGENCY AND FIRST AID PROCEDURES -----

EYE CONTACT: Wash immediately with plenty of water for 15 minutes while holding  
eye lids open. Call a physician.

SKIN CONTACT: Remove any contaminated clothing and wash skin with soap  
and water thoroughly. If irritation persists, get medical attention.

BREATHING: Remove victim to fresh air and provide oxygen if breathing is  
difficult. Give artificial respiration if not breathing. Get medical attention.

SWALLOWING: Do not induce vomiting. Call a physician at once. If vomiting  
occurs, keep head below hips to prevent aspiration of liquid into lungs.

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----- SECTION VIII- REACTIVITY DATA -----

STABILITY: Stable.

CONDITIONS TO AVOID: Avoid contact with heat, sparks, hot surfaces,  
open flames, and other ignition sources.

INCOMPATIBILITY (Materials to Avoid): Strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide and unidentified organic  
compounds may be formed during combustion.

HAZARDOUS POLYMERIZATION: Will not occur.

----- SECTION IX SPECIAL PROTECTION INFORMATION -----

RESPIRATORY PROTECTION: Avoid prolonged or repeated breathing of vapors,  
mists and/or dusts. If exposure may or does exceed occupational  
exposure limits (Section II) use a NIOSH-approved respirator to  
prevent overexposure. In accord with 29 CFR 1910.134 use either an  
atmosphere-supplying respirator or an air purifying respirator with  
appropriate chemical/mechanical filters.

VENTILATION: If the product is used in a confined area, provide sufficient  
mechanical (general and/or local exhaust) ventilation to  
maintain exposure below TLV(s). Heavy solvent vapors should be  
removed from the lower levels of area, and all ignition sources  
(non-explosion proof equipment) should be eliminated if  
flammable mixtures will be encountered.

PROTECTIVE GLOVES: Solvent resistant are recommended for prolonged contact.

EYE PROTECTION: Chemical safety splash goggles.

OTHER PROTECTIVE EQUIPMENT: Eye-Wash Station. Safety Shower. Rubber Apron.  
Chemical Safety Shoes. Protective Clothing.

----- SECTION X SPECIAL PRECAUTIONS -----

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Read all label cautions.  
Store away from ignition sources in a cool well ventilated area. Handle  
as combustible liquid. Do not drop container.

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This product is packaged and sold as a consumer good. This information is  
believed to be reliable and accurate, as of the date indicated. It is supplied  
on the condition that recipients will make their own determination as to its  
suitability and completeness for their purposes. The Testor Corporation assumes  
no responsibility for any damages resulting from reliance on this information.