

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) Page 1 of 3  
24 hour Chemtrec telephone number: \* (800) 424-9300  
\*TO BE USED ONLY IN THE EVENT OF CHEMICAL EMERGENCIES INVOLVING  
A SPILL, LEAK, FIRE, EXPOSURE, OR ACCIDENT INVOLVING CHEMICALS.

Date prepared: 5/12/92

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): #1244 Metallic Gold Spray Enamel 3 oz Aerosol  
Can.

----- 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>
Toluol (Toluene)	108-88-3	10-15	100 ppm.	100 ppm.
Isopropyl Alcohol	67-63-0	15-20	400 ppm.	400 ppm.
n-Butyl Acetate	123-86-4	5-10	150 ppm.	150 ppm.
Isobutyl Alcohol	78-83-1	15-20	50 ppm.	50 ppm.
Acetone	67-64-1	1-5	750 ppm.	750 ppm.
Cellulose Acetate Butyrate	9004-36-8	1-5	Not Estab.	Not Estab.
Brass Pigment				
Copper	7440-50-8	10-15	1 mg/cu.m.*	1 mg/cu.m.*
Zinc	7440-66-6	1	Not Estab.	Not Estab.
Hydrocarbon Propellant	68476-86-8	20-25	1000 ppm.	1000 ppm.
			* Dust as Cu.	

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

BOILING RANGE: -44 to 255 deg.F  
SPECIFIC GRAVITY (Water=1): .792  
GALLON WEIGHT OF PRODUCT (Lbs/Gal): 6.60  
VAPOR PRESSURE (Typ.): 59 PSIG @ 70 deg.F  
PERCENT VOLATILES (By Volume): 94.8  
VAPOR DENSITY: Heavier than air.  
EVAPORATION RATE: Faster than Ethyl Ether.

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

FLASH POINT (SFCC): <-44 deg.F (calc.)  
OSHA FLAMMABILITY CLASSIFICATION: Flammable Liquid - CLASS IA  
FLAMMABLE LIMITS (calc.) IN AIR: LEL 1.0 ,UEL 12.0  
EXTINGUISHING MEDIA: Alcohol resistant foam, carbon dioxide, or dry chemical.  
SPECIAL FIRE FIGHTING PROCEDURES: Caution: Extremely Flammable. A stream of water could spread fire. 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: Closed containers may explode when exposed to extreme heat. Cool fire exposed containers with water spray (fog). Vapors may travel considerable distance to ignition source and flash back. Product may float and be reignited at water's surface. Overexposure to decomposition products may cause a health hazard.  
Store in accordance with NFPA 30 B For Level 3 Aerosols.

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Page 2 of 3

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

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Caution: Extremely Flammable. 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: Contact with liquefied gas or gas under pressure may cause burning due to freezing effect. Short term liquid or high vapor concentration contact after propellant is expelled is irritating and may cause corneal injury.

SKIN CONTACT: Contact with liquefied gas, or gas under pressure may cause burning due to freezing effect. Prolonged and repeated liquid contact after propellant is expelled can cause defatting and drying of skin which may result in skin irritation and dermatitis.

BREATHING: Propellant is a simple asphyxiant and may exhibit anesthetic properties at very high concentrations. Hydrocarbon vapors or mist may cause irritation to throat, mucous membranes, and upper respiratory tract. Overexposure can lead to central nervous system depression producing effects such as headaches, nausea, dizziness and loss of consciousness.

SWALLOWING: Moderately toxic. May cause inebriation, nausea, vomiting and diarrhea.

CHRONIC OVEREXPOSURE: Can lead to central nervous system depression producing such effects as headache, dizziness, nausea and loss of consciousness. Overexposure to propellant may cause unconsciousness, coma, and death due to suffocation.

WARNING: This product contains a chemical (toluene) known to the State of California to cause birth defects or other reproductive harm.

----- 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. Treat burned or frost bitten skin by immersing in lukewarm water. If skin is not burned, keep warm and stimulate with massage. Call a physician.

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

SWALLOWING: Give no more than two (2) glasses of water and two (2) tablespoons of Syrup of Ipecac to induce vomiting. If victim is a child, give no more than one (1) glass of water and one (1) tablespoon of Syrup of Ipecac. Keep head below hips while vomiting. Call a physician.

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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 extremely flammable liquid and gas. 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.