

MATERIAL SAFETY DATA SHEET

TARR ** LACQUER THINNER

Tarr

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

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SECTION I - PRODUCT IDENTIFICATION

PRODUCT NAME: TARR ** LACQUER THINNER

PRODUCT NUMBER: 2741

DOT Proper Shipping Name: Paint related material

UPC NUMBER:

PREPARED BY: Patricia Rodabaugh

UN NUMBER: UN 1263

DATE PREPARED: 11/4/2004

PACKING GROUP: II

LAST REVISION: 1/23/2001

GUIDE NUMBER: 128

DOT CLASS: Flammable liquid (3)

SYNONYMS: Lacquer Thinner NR

SECTION II - HAZARDOUS INGREDIENTS

Chemical Name	CAS #	Weight %	OSHA PEL	ACGIH TLV	NOTE
Toluene	108-88-3	7-17	100 ppm	50 ppm (skin)	
Solvent naphtha, light aliphatic	64742-89-8	30-40	300 ppm	300 ppm	
Isopropyl alcohol	67-63-0	18-23 18-23	400 ppm	400 ppm	
Methyl ethyl ketone	78-93-3	3-6	200 ppm	200 ppm	
2-butoxyethanol	11-76-2	1-4	25 ppm	25 ppm	
Isobutyl acetate	110-19-0	18-23	150 ppm	150 ppm	

SECTION III - PHYSICAL CHARACTERISTICS

BOILING POINT: 133-279 F

SPECIFIC GRAVITY: 0.805

VAPOR PRESSURE: 32 mmHg @ 20 C

MELTING POINT: NDA

EVAPORATION: Slower than ether

VAPOR DENSITY: Heavier than air

POUNDS PER GALLON: 6.70

PH: N/A

SOLUBILITY IN WATER: Complete solubility with most hydrocarbon solvents, partial solubility with water.

APPEARANCE AND ODOR: Clear, colorless liquid with pungent odor.

SECTION IV - FIRE/EXPLOSION

FLASH POINT: 33 F

FLASH POINT METHOD USED: Tag Closed Cup

LEL: 0.01

UEL: 0.128

EXTINGUISHING MEDIA:

Use water fog, "alcohol" foam, dry chemical, or CO2.

SPECIAL FIRE FIGHTING PROCEDURES:

WARNING. Flammable Liquid. Clear fire area of unprotected personnel. Do not enter confined fire space without full bunker gear, including a positive pressure NIOSH approved SCBA. Cool fire exposed containers with water.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

When heated above the flash point this material emits flammable vapors which, when mixed with air, can burn or be explosive. Fine mist or spray may be flammable at temperatures below the flash point.

SECTION V - REACTIVITY DATA**STABLE:**

Stable

INCOMPATIBILITY:

Strong oxidizers.

HAZARDOUS DECOMPOSITION OR BY PRODUCTS:

Carbon monoxide and unidentified organic compounds may be formed during combustion.

HAZARDOUS POLYMERIZATION:

Will Not Occur

SECTION VI - HEALTH HAZARD DATA**ACUTE HEALTH EFFECTS**

EYE CONTACT:	Liquid is moderately irritating to the eyes. High vapor concentrations may also be irritating.
INHALATION:	Vapors may be irritating to the nose, throat, and respiratory tract. High vapor concentrations may cause central nervous system (CNS) depression.
INGESTION:	Liquid is moderately toxic and may be harmful if swallowed; may produce CNS depression. Ingestion of product may result in vomiting; aspiration (breathing) of vomitus into the lungs must be avoided as even small quantities may result in aspir. pneumonitis.
SKIN CONTACT:	Liquid is moderately irritating to the skin. Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash).

SIGNS AND SYMPTOMS OF EXPOSURE:

Early to moderate CNS depression may be evidenced by giddiness, headache, dizziness, and nausea; in extreme cases, unconsciousness and death may occur. Aspiration pneumonitis may be evidenced by coughing, labored breathing and cyanosis.

AGGRAVATED MEDICAL CONDITIONS:

Preexisting eye, skin and respiratory disorders may be aggravated by exposure to this product. Impaired function from preexisting disorders may be aggravated by exposure to this product.

SUPPLEMENTAL HEALTH INFORMATION:

Near fatal exposures may result in congestive effects to a wide variety of organs.

EMERGENCY FIRST AID PROCEDURES

- EYE CONTACT:** Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Have eyes examined and tested by medical personnel.
- INHALATION:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, oxygen should be administered by qualified personnel. Get medical attention immediately.
- INGESTION:** Do not induce vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. Get medical attention.
- SKIN CONTACT:** Remove contaminated clothing/shoes. Flush skin with water. Follow by washing with soap and water. If irritation occurs, get medical attention. Do not reuse clothing until cleaned.

SECTION VII - SPILL OR LEAK PROCEDURES**STEPS TO BE TAKEN IN CASE MATERIAL IS SPILLED OR RELEASED:**

Remove all sources of ignition and provide ventilation. Wear protective equipment as given in Section 8. Dike around large spills to prevent spreading. Absorb small spills with inert material (clay, sand). Prevent contamination of surface waters.

WASTE DISPOSAL METHOD:

The preferred options for disposal are to send to licensed reclaimers, or to permitted incinerators. Any disposal practice must be in compliance with federal, state, and local regulations. Do not dump into sewers, ground, or any body of water.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

Keep away from heat, sparks, and flame. Surfaces that are hot may ignite even liquid product in the absence of sparks or flame. Extinguish pilot lights, cigarettes and turn off other sources of ignition prior to use and until all vapors are gone.

OTHER PRECAUTIONS:

KEEP OUT OF REACH OF CHILDREN! Empty containers retain product residue and can be dangerous. Do not pressurize, cut weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks static electricity, or other sources of ignition.

SECTION VIII - CONTROL MEASURES**RESPIRATORY PROTECTION:**

If exposure may or does exceed occupational exposure limits (Sec. 2) use a NIOSH approved respirator to prevent overexposure. In accord with 29 CFR 1910.134 use either an atmosphere-supplying respir. or an air-purifying respir. for organic vapors.

VENTILATION:

Provide exhaust ventilation sufficient to keep the airborne concentration of this product below its exposure limits. Exhaust air may need to be cleaned by scrubbers or filters to reduce environmental contamination.

PROTECTIVE GLOVES:

Wear resistant gloves (consult your safety equipment supplier). To prevent repeated or prolonged skin contact, wear impervious clothing and boots.

EYE PROTECTION:

Use chemical safety goggles and/or full face shield where splashing is possible. Contact lenses should not be worn when working with this material. Maintain eye wash fountain and quick-drench facilities in work areas.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

Where splashing is possible, full chemically resistant protective clothing (e.g., acid suit) and boots are required.

WORK / HYGENIC PRACTICES:

Use good personal hygiene when handling this product. Wash hands after use, before eating, drinking, smoking, or using the toilet.

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