

# MATERIAL SAFETY DATA SHEET

## DECK FINISH - S

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**MANUFACTURER:** Tarr, Inc. of Arizona  
4115 W. Turney Avenue  
Phoenix, AZ 85019

**INFORMATION PHONE:** (602) 233-2000

**EMERGENCY PHONE:** CHEMTREC 800-424-9300 (US) Day or night  
International Call Collect CHEMTREC 202-483-7616

**PRODUCT NAME:** DECK FINISH - S

**PRODUCT NUMBER:** TDFS

**UPC NUMBER:**

**PREPARED BY:** Patricia Rodabaugh

**DATE PREPARED:** 5/5/1997

**LAST REVISION:** 5/6/1997

**SYNONYMS:** Alkyd resin



Portland, Oregon  
Phoenix, Arizona  
Auburn, Washington  
Vancouver, Washington

**Print Date:** 12/15/2004

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name                              | CAS #      | Weight % | OSHA PEL        | ACGIH TLV       | NOTE |
|--------------------------------------------|------------|----------|-----------------|-----------------|------|
| Alkyd resin                                | 68122-98-5 | 50-55    | Not established | Not established |      |
| Distillates (petroleum) hydrotreated light | 64742-47-8 | 15-20    | 100 ppm         | 100 ppm         |      |
| Ethylene glycol monopropyl ether           | 2807-30-9  | <1       | Not established | Not established |      |
| Xylenes                                    | 1330-20-7  | <1       | 100 ppm         | 100 ppm         |      |
| Ethyl benzene                              | 100-41-4   | <0.2     | 100 ppm         | 50 ppm (skin)   |      |
| Stoddard solvent                           | 8052-41-3  | 28-33    | 500 ppm         | Not established |      |
| Butoxyethanol, 2-                          | 111-76-2   | 18       | 25 ppm (skin)   | 25 ppm (skin)   |      |

### 3. HAZARDOUS IDENTIFICATION

**EMERGENCY OVERVIEW:** WARNING! Combustible liquid and vapor. Vapor harmful.

#### POTENTIAL HEALTH EFFECTS

**EYE CONTACT:** Liquid or vapor may cause eye irritation.

**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 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 aspiratory pneumonitis. May cause liver, kidney, and blood damage.

**SKIN CONTACT:** May be harmful if absorbed through the skin.

#### 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.

### 4. FIRST AID MEASURES

**EYE CONTACT:** Immediately flush eyes with plenty of water for at least 15 minutes while holding eyelids open. If irritation

occurs, get medical attention.

**INHALATION:** Remove victim to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

**INGESTION:** If swallowed, get medical attention immediately.

**SKIN CONTACT:** Wash affected area with soap and water. If irritation occurs, get medical attention.

**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:**

None identified

## 5. FIRE FIGHTING MEASURES

### FLAMMABLE PROPERTIES

**FLASH POINT:** 102F

**FLASH POINT METHOD USED:** Tag Closed Cup

**AUTOIGNITION:** NDA

**LEL:** 0.01 **UEL:** 0.158

**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:**

Contains oxidizing materials. Contaminated rags, wipes, sawdust, etc. may catch fire spontaneously. Store waste under water in closed metal containers until disposed of in compliance with all applicable regulations.

**COMBUSTION PRODUCTS:**

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

## 6. ACCIDENTAL RELEASE MEASURES

**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.

## 7. HANLDING AND STORAGE

**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.

## 8. EXPOSURE CONTROL/PERSONAL PROTECTION

**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:**

Nitrile gloves are recommended.

**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:**

Wear gloves and protective clothing which are impervious to this product for the duration of anticipated exposure, if there is potential for skin contact.

**WORK / HYGENIC PRACTICES:**

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

**ENGINEERING CONTROLS:**

Use this material only in well ventilated areas.

**EXPOSURE GUIDELINES:**

Avoid prolonged or repeated breathing of vapors.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**SOLUBILITY IN WATER:** Dispersible

**APPEARANCE AND ODOR:** Characteristic

**BOILING POINT:** 277F  
**VAPOR PRESSURE:** .6 - 7  
**EVAPORATION RATE:** Slower than ether  
**POUNDS PER GALLON:** 318.66  
**SPECIFIC GRAVITY:** 38.04  
**MELTING POINT:** NDA  
**FREEZING POINT:** NDA

**PERCENT VOLATILE:** NDA  
**PH:** N/A  
**MOLECULAR WEIGHT:** NDA  
**VAPOR DENSITY:** Heavier than air  
**OTHER PROPERTIES:** N/A

**10. STABILITY AND REACTIVITY**

**STABILITY:** Stable

**CONDITIONS TO AVOID:** Avoid heat, sparks, flame and contact with strong oxidizing agents. Do not store or handle in aluminum equipment at temperatures above 120 deg. F.

**INCOMPATIBILITY:**

Strong oxidizers.

**HAZARDOUS DECOMPOSITION OR BY PRODUCTS:**

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

**HAZARDOUS POLYMERIZATION:** Will Not Occur

**CONDITIONS TO AVOID:** None reported

**11. TOXICOLOGY INFORMATION**

NDA

## 12. ECOLOGICAL INFORMATION

Keep out of waterways.

## 13. DISPOSAL CONSIDERATIONS

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.

## 14. TRANSPORTATION INFORMATION

|                                  |                                              |                       |                    |
|----------------------------------|----------------------------------------------|-----------------------|--------------------|
| <b>DOT Proper Shipping Name:</b> | Combustible liquid, n.o.s. (naphtha, xylene) | <b>PACKING GROUP:</b> | III                |
| <b>HAZARD CLASS:</b>             | 3                                            | <b>GUIDE NUMBER:</b>  | 128                |
| <b>UN NUMBER:</b>                | NA 1993                                      | <b>DOT CLASS:</b>     | Combustible Liquid |

## 15. REGULATORY INFORMATION

This product is a mixture and each component is listed in the TSCA Inventory of Chemical Substances.

## 16. OTHER INFORMATION

**HMIS INFORMATION:**    **HEALTH:** 1    **FLAMMABILITY:** 2    **REACTIVITY:** 0    **PROTECTIVE:** G

### SARA Title III Information:

**SARA 302:** To the best of our knowledge, none of the chemicals in this product are listed as an Extremely Hazardous Substance under Section 302 of SARA Title III nor does this product contain any other such substances.

**SARA 311/312:** This product should be reported as an immediate (acute) health hazard, delayed (chronic) health hazard, and a fire hazard.

**SARA 313:** Xylene (CAS 1330-20-7), ethyl benzene (100-41-4)

**N/A = Not Applicable**

**NDA = No Data Available**

### Disclaimer

The information contained herein is based on the data available to us and is believed to be accurate. However, Tarr, Incorporated makes no warranty, expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof. Tarr, Inc. assumes no responsibility for injuries from the use of the product described herein.