

=====I. PRODUCT IDENTIFICATION=====

Trade Name: R6040 Superior Outdoor Carpet Adhesive (FLAMMABLE)

Chemical names, common names: Synthetic Rubber/resins in a solvent

Manufactured by: Roberts Consolidated Industries, Inc.

Address: 300 Cross Plains Blvd.
Dalton, GA 30721

Emergency Phone: 800-424-9300 (Chemtrec)

Business Phone: 706-277-5294

Date revised: 09/20/2010

By: M. King

HMIS Rating: H = 2 F = 3 R = 0

=====II. HAZARDOUS INGREDIENTS=====

| | <u>CAS No.</u> | <u>% by wt.</u> | <u>PEL</u> | <u>TLV</u> |
|---------|----------------|-----------------|------------|------------|
| Heptane | 142-82-5 | 29.0 | 500 ppm | 400 ppm |
| Toluene | 108-88-3 | 5.0 | 200 ppm | 50 ppm |

Reportable hazardous chemicals for SARA TITLE III Section 311, 312, 313: Toluene.

Toluene is listed under California's Proposition 65.

=====III. PHYSICAL PROPERTIES =====

Vapor Density (Air=1): Greater than air. Boiling Point: Not Available

Solubility in Water: NA Specific gravity: 1.05

Vapor Pressure (mmHg at 20c): Not determined

Appearance & odor: tan paste - characteristic solvent odor.

Percent Volatile: 34% by weight. VOC calculated: 357 grams/liter.

=====IV. FIRE AND EXPLOSION=====

Flash point, Closed Cup: 15°F - 25°F (-9 to -3.9°C)

Auto-Ignition Temperature: >400°F (204 C)

Flammable limits in air, Volume %: 1.1% Lower/Upper: 6.7%

Fire Extinguishing Materials:

____ Water Spray X Carbon Dioxide ____ Other:

X Foam X Dry Chemical

Special Firefighting Procedures: Wear self-contained breathing apparatus. Water spray is recommended to cool or protect exposed materials or structures. Water may be ineffective for extinguishment, unless used under favorable conditions by experienced fire fighters.

Unusual Fire and Explosion Hazards: This material is flammable and can be ignited by heat, sparks, flames or other sources of ignition. Vapors may travel considerable distances to a source of ignition where they can ignite, flashback or explode. If container is not properly cooled, it can explode in the heat of a fire. Vapors are heavier than air and can accumulate in low areas.

===== V. HEALTH HAZARD INFORMATION =====

SYMPTOMS OF OVEREXPOSURE

Inhalation: May cause irritation to upper respiratory tract.

Eyes: May cause irritation.

Skin: May cause mild irritation.

Ingestion: Not a likely route of entry under proper handling conditions.
Symptoms may be the same as inhalation.

HEALTH EFFECTS OR RISKS FROM EXPOSURE

Acute: May cause mild skin irritation, irritation of respiratory tract.

Chronic Health Effects Summary:

Chronic effects of ingestion and subsequent aspiration into the lungs may cause pneumatocele (lung cavity) formation and chronic lung dysfunction. Reports have associated repeated and prolonged occupational overexposure to solvents with irreversible brain and nervous system damage (sometimes referred to as "Solvent or Painter's Syndrome"). Intentional misuse by deliberately concentrating and inhaling this product may be harmful or fatal.

Repeated or prolonged skin contact may defat the skin and produce irritation and dermatitis. Chronic inhalation may cause peripheral nerve disorders and central nervous system effects. Skin contact could aggravate an existing skin disorder or dermatitis condition. Toluene: Reports of chronic poisoning describe anemia, decreased blood cell count and bone marrow hypoplasia. Liver and kidney damage may occur. Repeated or prolonged contact has a defatting action, causing drying, redness, dermatitis. Exposure to toluene may affect the developing fetus.

FIRST AID: EMERGENCY PROCEDURES

Eye contact: Flush with water for at least 15 minutes. If irritation persists, seek medical attention.

Skin contact: Remove contaminated clothing and wash affected areas with

Eye Protection: Chemical goggles or face shield. Gloves: Chemical resistant gloves.

Other clothing and Equipment: If clothing becomes contaminated, remove and clean before re-wearing.

Work Practices, Hygienic Practices: Follow all label instructions.

Protective Measures During Maintenance of Contaminated Equipment:

Use goggles and gloves when cleaning adhesive from equipment.
Maintain proper ventilation.

-3-

MSDS --
Page 4

=====**VIII. SPILL, LEAK, AND DISPOSAL PROCEDURES**=====

Eliminate all sources of ignition and soak up material with absorbent material (sand, sawdust) and place into closed containers for disposal. *Note: Dispose of all wastes in accordance with Federal, State and Local regulations.*

=====**IX. Storage & Handling DATA**=====

Other Handling and Storage requirements: Protect against physical damage. Store in a cool, dry place (50F - 90F). Keep away from excessive heat. Protect from freezing.

=====**X. Regulatory Information** =====

Hazardous Waste 40CFR261: NO Hazardous Waste Number:

Hazardous Substance Superfund: NO RQ(lbs):

All components are in TSCA inventory.

Note: RCRA hazardous waste if discarded in its produced form.

=====**XI. SHIPPING DATA**=====

D.O.T. Proper Shipping Name (49CFR172.101-102): Adhesives (containing solvents)

D.O.T. Hazard Classification (49CFR 172.101-102):
Class: 3 Packing Group: II

D.O.T. Labels Required (49CFR172.101-102): Flammable.

D.O.T. Placards Required (CFR172.504): Flammable.

Poison Constituent (49CFR172.203(K)): None.

Bill of Lading Description: Adhesives, NOS (Heptane, Toluene)

UN/NA Code: 1133

Roberts believes the data set forth herein are accurate as of the date hereof, and makes no warranty with respect thereto and expressly disclaims all liability for reliance thereon. Such data are offered solely for your consideration, investigation and verification.