

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: Roberts 1167 Tackstrip and Moulding Adhesive
 Roberts MSDS Code # 1167C
 PRODUCT USES: Fixing takless strip for use in subsequent stretch-in carpet installations

W.H.M.I.S. CLASSIFICATION: B2, D2B

SECTION I - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: ROBERTS CONSOLIDATED INDUSTRIES, INC.
 ADDRESS: 300 Cross Plains Blvd. Dalton, GA 30720
 24 HOUR (CANUTEC) PHONE: (613) 996-6666
 DATE REVISED: December/01/06

NAME OF PREPARER: Technical Dept.
 INFORMATION PHONE: (905) 791-4444
 SOURCES USED: Raw material supplier M.S.D.S.

SECTION II - HAZARDOUS INGREDIENTS INFORMATION

COMPONENT	APPROX. %	UN#	CAS#	LD50	LC50
METHYL ETHYL KETONE	21	1193	78-93-3	> 4g/KG-ORAL, RABBIT	8,800 PPM - 4 HR., RAT
TOLUENE	11	1294	108-88-3	>6g/KG-SKIN, RABBIT	
PETROLEUM SPIRITS	43.5	1255	64742-49-0	>2g/KG-SKIN, RABBIT	

SECTION III - PHYSICAL DATA

BOILING POINT: 80°C FREEZING POINT: N/A SPECIFIC GRAVITY (H2O=1): 0.85 pH: N/A
 VAPOUR DENSITY (AIR=1): Greater EVAPORATION RATE (BUTYL ACETATE=1): Faster
 VAPOUR PRESSURE (MM OF MERCURY): Not available EVAPORATION RATE (ETHYL ACETATE=1): Slower
 SOLUBILITY IN WATER: Negligible PERCENT VOLATILE: 84
 APPEARANCE AND ODOUR: Green mobile liquid, ketone odour ODOUR THRESHOLD (PPM): Not available

SECTION IV - FIRE AND EXPLOSION DATA

FLASHPOINT (specify method): Over 20°F METHOD USED: T.C.C. IMPACT SENSITIVITY: Insensitive
 FLAMMABLE LIMITS (% BY VOLUME): LOWER: 1 UPPER: 11 SENSITIVITY TO STATIC DISCHARGE: Vapours sensitive.
 FIRE EXTINGUISHING MEDIA: AUTO IGNITION TEMP: 320°C TDG FLAMMABILITY CLASSIFICATION: Adhesives, Class 3, U.N. 1133, P.G. II
 SPECIAL FIRE-FIGHTING PROCEDURES: Do not use water except to cool threatened containers. Wear full protective equipment to protect from combustion products.
 UNUSUAL FIRE AND EXPLOSION HAZARDS: Vapours may cause flash fire, ignite explosively, travel along ground to remote ignition source and flash back.

SECTION V - REACTIVITY DATA

STABILITY: Stable CONDITIONS TO AVOID: Fire, excessive heat, other ignition sources.
 INCOMPATIBILITY (Materials to avoid): Strong oxidizing agents
 HAZARDOUS DECOMPOSITION PRODUCTS: Emits dense acrid smoke, CO, CO2, HCl, Cl2, and Hydrocarbons when burned.
 HAZARDOUS POLYMERIZATION: Will not occur CONDITIONS TO AVOID: None known.

SECTION VI - TOXICOLOGICAL PROPERTIES

ENTRY ROUTE TABLE

SKIN CONTACT	X	SKIN ABSORPTION	EYE CONTACT	X	INHALATION ACUTE	X	INHALATION CHRONIC	X	INGESTION	X
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EFFECTS OF ACUTE EXPOSURE TO MATERIAL: High vapour concentrations are irritating to the eyes, nose, throat and lungs; may cause headaches and dizziness; may be anesthetic and may cause other central nervous system effects. Contact with eyes is severely irritating. If not removed promptly, will injure eye tissue and may result in permanent eye damage. Frequent or prolonged contact may irritate the skin and cause a skin rash (dermatitis). Small amounts of liquid drawn into the lungs from swallowing or vomiting may cause severe health effects (e.g. Bronchopneumonia or pulmonary edema).

EFFECTS OF CHRONIC EXPOSURE TO MATERIAL: As indicated above.

LD50 (SPECIFY SPECIES & ROUTE): Not available	LC50 (SPECIFY SPECIES): Not available	EXPOSURE LIMIT: (TLV, PPM) M.E.K. - 200 PPM PETROLEUM SPIRITS- 400 PPM TLV-TWA TOLUENE, 50 PPM TWA LOCAL REGULATED LIMITS MAY VARY	IRRITANCY: EYE, SKIN, RESPIRATORY TRACT IRRITANT.
SENSITIZING CAPACITY: Not available.	CARCINOGENICITY: None	REPRODUCTIVITY EFFECTS: None known	SYNERGISTIC MATERIALS: n-Hexane

SECTION VII - PREVENTATIVE MEASURES

RESPIRATORY PROTECTION (SPECIFY TYPE): Not required if ventilation is sufficient to keep vapours below TLV. If in doubt, under normal conditions of use, employ a NOSH/MSHA approved chemical cartridge respirator with organic vapour cartridge. Consult your safety equipment supplier for respirator requirements.

VENTILATION: Low exhaust or general dilution ventilation of sufficient volume and patterns to keep vapours below TLV.

PROTECTIVE GLOVES: Solvent resistant gloves should be worn.

EYE PROTECTION: Goggles should be worn.

OTHER PROTECTIVE EQUIPMENT: In instances of very high vapour concentrations, such as large spills in confined area, do not venture without a self-contained breathing apparatus with full-face piece. Consult your local safety equipment supplier.

SPILL PROCEDURES: Restrict area. Remove or extinguish all sources of ignition, local and remote. Provide adequate ventilation. Avoid breathing vapours. Soak up spillage with non-combustible adsorbent. Final clean-up with non-flammable solvent. Promptly report significant spills to appropriate authorities. Consult local regulations.

WASTE DISPOSAL METHOD: Destroy by liquid incineration at an approved facility. Dried material only may be landfilled. Keep material away from sewers, waterways or low areas. Consult local regulations.

STORAGE & HANDLING PRECAUTIONS: Store and employ in area devoid of ignition sources, ventilated and as close to room temperature as possible. Consult local regulations.

OTHER PRECAUTIONS: Keep containers closed when not in use. Empty containers may be hazardous due to residual material. Keep out of reach of children.

SECTION VIII - FIRST AID MEASURES

INHALATION: Ensure your own safety first. Remove victim to fresh air. If necessary, trained personnel should administer artificial respiration. Obtain medical attention immediately.

EYES: Flush with water for 20 minutes holding eyelids open. Obtain medical attention immediately.

SKIN: Remove contaminated clothing. Remove with mineral spirits followed by soap and water. If irritation develops, get medical attention immediately. Launder clothing before re-use.

INGESTION: Do not induce vomiting. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Obtain medical attention immediately. If breathing stops, administer artificial respiration.