

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: Roberts 1406 Laminate Tongue and Groove Adhesive
 Roberts MSDS Code # 1406C
 PRODUCT USES: For use in floated wood and laminate floor installations

W.H.M.I.S. CLASSIFICATION: NON-CONTROLLED

V.O.C. CONTENT: 0 calculated

SECTION I - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: ROBERTS COMPANY CANADA LTD.
 ADDRESS: 2070 Steeles Ave. Bramalea, Ontario L6T 1A7
 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 |
|---------------------------|-----------|-----|------------|--|------|
| ALUMINUM NITRATE SOLUTION | 1 - 5 | | 00778 4272 | ORAL ACUTE 3,662 mg/kg (RAT) 3,980 mg/kg (MOUSE) 4,280 mg/kg (RAT) | |

SECTION III - PHYSICAL DATA

BOILING POINT: 100° C (water) FREEZING POINT: N/A
 VAPOUR DENSITY (AIR=1): >1
 VAPOUR PRESSURE (MM OF MERCURY): As for water.
 SOLUBILITY IN WATER: Miscible
 APPEARANCE AND ODOUR: White medium syrup, slight "white glue" odour.

SPECIFIC GRAVITY (H2O=1): 1.08 pH: 3 - 4
 EVAPORATION RATE (BUTYL ACETATE=1): <1
 EVAPORATION RATE (ETHYL ACETATE=1): N/D
 PERCENT VOLATILE: 51% (WW)
 ODOUR THRESHOLD (PPM): Not determined

SECTION IV - FIRE AND EXPLOSION DATA

FLASHPOINT (specify method): Not applicable METHOD USED:
 FLAMMABLE LIMITS (% BY VOLUME): LOWER: N/A UPPER: N/A
 FIRE EXTINGUISHING MEDIA: Foam, CO2, Chemical, Water Spray AUTO IGNITION TEMP: N/A TDG FLAMMABILITY CLASSIFICATION: Not regulated.
 SPECIAL FIRE-FIGHTING PROCEDURES: Self-contained breathing apparatus and full turnout wear.
 UNUSUAL FIRE AND EXPLOSION HAZARDS: None

IMPACT SENSITIVITY: Insensitive

SENSITIVITY TO STATIC DISCHARGE: N/A

SECTION V - REACTIVITY DATA

STABILITY: Stable CONDITIONS TO AVOID: Temperature extremes.
 INCOMPATIBILITY (Materials to avoid): No acute incompatibility known. May be coagulated and so spoiled by addition of some chemicals. Avoid freezing.
 HAZARDOUS DECOMPOSITION PRODUCTS: Combustion products only.
 HAZARDOUS POLYMERIZATION: Will not occur CONDITIONS TO AVOID: N/A

SECTION VI - TOXICOLOGICAL PROPERTIES

ENTRY ROUTE TABLE

| SKIN CONTACT | SKIN ABSORPTION | EYE CONTACT | INHALATION ACUTE | X | INHALATION CHRONIC | INGESTION | X |
|--------------|-----------------|-------------|------------------|---|--------------------|-----------|---|
| | | | | | | | |

EFFECTS OF ACUTE EXPOSURE TO MATERIAL: Slight irritation of eyes on contact, skin irritation possible. Ingestion may cause stomach disturbances. Gross overexposure to inhalation may irritate respiratory tract.

EFFECTS OF CHRONIC EXPOSURE TO MATERIAL: None known.

| | | | |
|--|--|------------------------------------|-------------------------------|
| LD50 (SPECIFY SPECIES & ROUTE): Not available | LC50 (SPECIFY SPECIES): Not available | EXPOSURE LIMIT: Not established | IRRITANCY: N/A |
| SENSITIZING CAPACITY: N/A | CARCINOGENICITY: None | REPRODUCTIVITY EFFECTS: N/D | SYNERGISTIC MATERIALS: N/A |

SECTION VII - PREVENTATIVE MEASURES

RESPIRATORY PROTECTION (SPECIFY TYPE): Not required under normal conditions of use.
 VENTILATION: General dilution for comfort.
 PROTECTIVE GLOVES: Rubber or plastic EYE PROTECTION: Goggles
 OTHER PROTECTIVE EQUIPMENT: Not required under normal conditions of use.
 SPILL PROCEDURES: Prevent escape to sewers and natural environment.. Mechanically collect. Wash area with water. Spilled material may cause slippery conditions.
 WASTE DISPOSAL METHOD: Dispose of at an approved facility. Dried material only may be landfilled as non-hazardous waste. Consult local regulations.
 STORAGE & HANDLING PRECAUTIONS: Store in a cool, dry and well ventilated location. Keep containers from excessive heat and freezing. Keep tightly closed when not in use.
 OTHER PRECAUTIONS: Wash hands thoroughly after use. Avoid eye and skin contact. Keep out of reach of children.

SECTION VIII - FIRST AID MEASURES

INHALATION: Remove to fresh air. Obtain medical attention if irritation persists.
 EYES: Remove contact lenses and flush with copious quantities of water. Obtain medical attention if irritation persists.
 SKIN: Wash with soap and water. Obtain medical attention if irritation develops.
 INGESTION: Do not induce vomiting. If victim is conscious, give milk or water. Note: Never give an unconscious victim liquids or induce vomiting. Place victim in a stable side position and keep warm. Contact physician immediately.