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MATERIAL SAFETY DATA SHEET

MANUFACTURER: K & K Chemical Co.
TELEPHONE NO.: (800) 327-0646
ADDRESS: 1303 Industrial Drive, Royse City, TX 75189

PRODUCT: ARMOUR SHEEN
PART NUMBER(S): K-541
MSDS Prepared By: J. Austin Maglothin, Ph.D.
Revision Date: April 2, 2010

SECTION I - GENERAL

Chemical Name & Synonym: Not Applicable
Trade Name & Synonyms: ARMOUR SHEEN™
Chemical Family: Aqueous solution
Formula: Trade secret

SECTION II - HAZARDOUS INGREDIENTS

Tall oil fatty acids CAS No. 61790-12-3

SECTION III - PHYSICAL AND CHEMICAL DATA

Boiling Point (°C): 100°C
Vapor Pressure (mm Hg @ 20°C): Not determined
Vapor Density (Air = 1): Not determined
Specific Gravity (H₂O = 1): 0.998
% Volatile by Volume: Not determined
Evaporation Rate (H₂O = 1): 1.0
Solubility in Water: Emulsifies
Appearance and Odor: Thick blue-green emulsion with evergreen odor
pH: 10.4

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flammable Limits (%):
- LEL: Not applicable
- UEL: Not applicable
Flash Point (Method Used): Non-combustible
Extinguishing Media: Use any appropriate for surrounding fire.
Special Fire Fighting Procedures: None
Unusual Fire & Explosion Hazards: None

SECTION V - HEALTH HAZARD DATA

Route of Entry: Skin contact, eye contact, ingestion
Carcinogenic Assessment: No listed component >0.1%
Threshold Limit Value: Not applicable
Effects of Overexposure: Possible irritant to skin and eyes. Aspiration of swallowed liquid may cause pneumonitis.
Emergency & First Aid Procedures: Skin contact: Wash off with water.
Eye contact: Eye contact: Flush with water for 15 minutes. If irritation persists, get medical attention.
Ingestion: DO NOT Induce Vomiting. Seek medical attention.

SECTION VI - REACTIVITY DATA

Stability: Stable
Incompatibility (Materials to Avoid): Any material not compatible with water
Hazardous Decomposition Products: None
Hazardous Polymerization: Will not occur

SECTION VII - SPILL OR LEAK PROCEDURE

Steps To Be Taken In Case Material Is Released Or Spilled: Small spills can be flushed down the drain. Large spills should be soaked up in absorbent material, dried and disposed of as non-hazardous solid waste.
Waste Disposal Method: Sanitary landfill. Dispose of in accordance with all local, state and federal regulations. Rinse empty container well before discarding in an authorized landfill.

SECTION VIII - SPECIAL PROTECTION INFORMATION

Respiratory Protection: None needed
Ventilation: Normal room ventilation is adequate.
Protective Gloves: None needed, but latex or vinyl are adequate if desired.
Eye Protection: Safety glasses are recommended.
Other Protective Equipment: None required

SECTION IX - SPECIAL PRECAUTIONS

Precautions To Be Taken In Handling And Storing: Store in original containers for up to one year. Keep closed when not in use. Protect from extreme heat and cold.
Other Precautions: Keep out of reach of children. Read and follow label directions.
DOT Hazard Classification: Not Regulated