

**MATERIAL SAFETY DATA SHEET**

MSDS date: 1/1/2008  
Supersedes: All Previous

MANUFACTURER: **Lee Products Company**  
800 East 80<sup>th</sup> Street  
Bloomington, MN 55420

MEDICAL AND TRANSPORTATION EMERGENCY CONTACT:  
INFOTRAC: 1-800-535-5053

**PRODUCT IDENTIFICATION**

TRADE NAME: **School Smart 91346 (88812) and 91345 (88564) – Solvent Based**  
CHEMICAL FAMILY: RESIN SOLUTION/PIGMENT DISPERSION  
SYNONYMS: **7705**  
DOT CLASSIFICATION: Flammable Liquid, n.o.s. (PAINT) UN 1263  
CAS NUMBER: MIXTURE

**PHYSICAL DATA**

BOILING RANGE (F): 180-287 @760mmHg  
SOLUBILITY IN WATER: Insoluble  
FREEZING POINT (F): NA  
SPECIFIC GRAVITY: 1.4-1.5  
VAPOR DENSITY (AIR = 1): >1  
% VOLATILE BY WEIGHT: 31%  
VAPOR PRESSURE (mmHg@68F): 31.2 for IPA  
pH INFORMATION: NA  
EVAPORATION RATE (BUTYL ACETATE = 1): <1  
APPEARANCE/ODOR: Liquid, various colors, naptha odor.

**HAZARDOUS INGREDIENTS**

<u>INGREDIENT</u>	<u>PERCENT</u>	<u>TWA TLV PPM</u>	<u>STELTLV PPM</u>	<u>CAS NUMBER</u>
Aliphatic Hydrocarbons		300		64742-89-7
2-propanol	1-10%	400	500	67-63-0

NOTE: This product contains titanium dioxide and/or other pigments, classed by ACGIH as "nuisance dusts". Exposures to spray mists or sanding dusts should be controlled to below 10 mg/m<sup>3</sup> through usage of NIOSH/MSHA TC23C or equivalent approved dust filter respirators. Follow respirator manufacturer's directions for respirator use.

**SECTION 313 SUPPLIER NOTIFICATIONS**

This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372:  
None above de minimis concentrations.

**HMIS RATING: HEALTH = 2 FLAMMABILITY = 3 REACTIVITY = 0**

\* The user should determine appropriate personal protective equipment based on use conditions.

### FIRE AND EXPLOSION DATA

FLASH POINT: 45 F (TCC)

FIRE EXTINGUISHING MEDIA: Use foam, carbon dioxide or chemical fire fighting apparatus.

LOWER EXPLOSION LIMIT: 1%

UPPER EXPLOSION LIMIT: 13%

SPECIAL FIRE FIGHTING PROCEDURES: Breathing apparatus recommended. Water may be ineffective. If water is used, fog nozzles are preferred.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Closed containers may explode when exposed to extreme heat. Keep from heat, sparks, and electrical equipment. If water is used, avoid spreading liquid with water stream. Vapors are heavier than air, may travel, be ignited at a remote location and flash back. Explosive air-vapor mixture may occur.

### REACTIVITY DATA

THIS PRODUCT IS STABLE UNDER NORMAL (AMBIENT) CONDITIONS AND HAZARDOUS POLYMERIZATION WILL NOT OCCUR HAZARDOUS DECOMPOSITION PRODUCTS:

Combustion may produce carbon dioxide and carbon monoxide.

CONDITIONS OR MATERIALS TO AVOID: Avoid contact with strong oxidizing agents, sources of ignition and extreme heat.

### HEALTH HAZARD DATA

#### EFFECTS OF ACUTE OVER EXPOSURE:

INGESTION: Can cause gastrointestinal irritation, nausea, vomiting and diarrhea. Aspiration of material into lungs can cause chemical pneumonias, which can be fatal.

INHALATION: Excessive inhalation of vapors can cause nasal and respiratory irritation, dizziness, weakness, fatigue, nausea and headache. High concentrations may result in narcosis. Respiratory symptoms associated with pre-existing lung disorders may be aggravated by exposure to this material.

SKIN CONTACT: Prolonged contact may cause irritation, redness, burning, defatting and dermatitis. Persons with pre-existing skin disorders may be more susceptible to the effects of this material

EYE CONTACT: Severe irritation, redness, tearing, burning, and blurred vision.

EFFECTS OF REPEATED OVEREXPOSURE: Chronic exposure may cause damage to central nervous system, respiratory system, lungs, eyes, skin, gastrointestinal tract, liver, spleen and kidneys.

#### EMERGENCY FIRST AID PROCEDURES:

INGESTION: DO NOT INDUCE VOMITING. Give 1 to 2 glasses of water or milk if victim is conscious and able. Get immediate medical attention.

INHALATION: Remove to fresh air. If irritation persists, seek medical attention. If victim is not breathing, qualified personnel should administer artificial respiration. Seek immediate medical attention.

SKIN CONTACT: Remove contaminated clothing. Wash affected area with mild soap and water. If irritation or redness develops and persists, seek medical attention.

EYE CONTACT: For direct contact: Immediately flush eyes for 15 minutes, occasionally lifting eyelids. If victim wears contact lenses, remove lenses and continue rinsing. Obtain medical attention. If irritation or redness from exposure to vapors develops, move victim away from exposure and into fresh air. If irritation or redness persists, seek medical attention.

### TOXICITY DATA

This substance has not been identified as a carcinogen or probable carcinogen by NTP, IARC, or OSHA. Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage (sometimes referred to as solvent or painters' syndrome). Intentional misuse by deliberately concentrating or inhaling this product may be harmful or fatal.

### SPILL OR LEAK PROCEDURES

**STEPS TO TAKE IN CASE OF SPILL OR LEAK:** Evacuate all non-essential personnel. Remove all sources of ignition. Ventilate the area. Equip employees with the appropriate protective equipment. Dike around spilled material. Cover spill with inert absorbent material and shovel with non-sparking tools into container. Remove containers to a safe area and seal.

**WASTE DISPOSAL METHOD:** Incinerate or bury in suitable landfill where permitted by appropriate government regulations.

### SPECIAL PROTECTION INFORMATION

**RESPIRATORY PROTECTION:** Use proper MSHA/NIOSH-approved respirator in areas where vapor concentrations may exceed TLV and when exposed to spray mists and sanding dusts.

**VENTILATION:** General room ventilation is expected to be satisfactory. Use local exhaust if TLV is exceeded for mist, vapors, and sanding dusts.

**EYE PROTECTION:** Safety glasses and available eye bath.

**PROTECTIVE GLOVES:** Use gloves impervious to aliphatic solvents.

### SPECIAL PRECAUTIONS

Avoid breathing vapors. Keep containers closed and use only with adequate ventilation. Do not use or store near heat, sparks or flame. Use non-sparking tools. Ground and bond all containers when transferring liquid. Keep containers out of the reach of children.

### DISCLAIMER

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