MATERIAL SAFETY DATA SHEET

PRODUCT NAME: SAND ADDITIVE HMIS CODES: H F R P

PRODUCT CODE: 1534 & 1538 1 0 0

<u>SECTION 1 - MANUFACTURER IDENTIFICATION</u>

MANUFACTURER'S NAME: Litex Incorporated

ADDRESS: 5985 N.W. 31 Avenue, Fort Lauderdale, FL 33309

EMERGENCY PHONE: 954-970-0361 **INFORMATION PHONE:** 954-970-0361 **DATE PREPARED:** 4/14/06 **NAME OF PREPARER:** Eugene O'Neill

SECTION 2 - HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

OCCUPATIONAL EXPOSURE LIMITS

HAZARDOUS COMPONENTS CAS NUMBER OSHA PEL ACGIH TLF OTHER

Silicone Dioxide 14808-60-7 10mg/m3 .05mg/m3

SECTION 3 - HAZARDS IDENTIFICATION

INHALATION HEALTH RISKS & SYMPTOMS OF EXPOSURE: When spraying or sanding, prolonged inhalation may result in respiratory disease, including silicosis, pneumoconiosis and pulmonary fibrosis. Smoking can increase this risk of injury. The health effects of continuous breathing fine crystalline silica dust (sand) can be carcinogenic to humans. Individuals with pulmonary and/or respiratory disease, including but not limited to, asthma and bronchitis, or subject to eye irritation, should be precluded from exposure.

SKIN & EYE CONTACT HEALTH RISKS & SYMPTOMS OF EXPOSURE: May cause eye irritation. Prolonged or repeated skin contact may produce irritation and dry skin.

SKIN ABSORPTION HEALTH RISKS & SYMPTOMS OF EXPOSURE: Apparent symptoms would be redness, a rash or burning sensation on the skin.

INGESTION HEALTH RISKS & SYMPTOMS OF EXPOSURE: Swallowing of the product may cause some gastrointestinal irritation, pain, nausea and vomiting.

HEALTH HAZARDS (ACUTE & CHRONIC): When mixing, spray applying wet material or grinding or sanding dry material, NOISHA/MSHA approved respirators for dust should be worn. All workers required to wear respirators should be trained in their proper selection, use and care.

NOTE: Read and understand Health and Safety Information on the product label and Material Safety Data Sheet before use.

SECTION 4 - FIRST AID MEASURES

EMERGENCY & FIRST AID PROCEDURES:

Eyes: As with any foreign material in the eyes, they should be flushed with lukewarm water for at least 15

minutes while holding eyes open. Contact a medical professional if irritation persists.

Skin: Wash skin with soap and water. Use moisturizing cream to prevent dry skin. If irritation or a rash

develops or persists, contact a medical professional. Remove contaminated clothing.

Inhalation: Remove exposed individual to fresh air. Contact a medical professional if symptoms persist.

Ingestion: If swallowed, contact a medical professional immediately. Induce vomiting if directed. Never give

anything by mouth to an unconscious person.

SECTION 5 - FIRE FIGHTING MEASURES

FLASH POINT: N/A METHOD USED: CC (Closed Cup)

FLAMMABLE LIMITS IN AIR BY VOLUME: LOWER: N/A UPPER: N/A

EXTINGUISHING MEDIA: This product is inert and unlikely to burn. In case of fire, use water, dry chemical or foam.

SPECIAL FIREFIGHTING PROCEDURES: N/A

UNUSUAL FIRE & EXPLOSION HAZARDS: N/A

<u>SECTION 6 - ACCIDENTAL RELEASE MEASURES</u>

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: When dry: sweep and dispose of in proper receptacle. When wet: Scoop into proper receptacle and allow to harden. Always adhere to the guidelines for regulations set forth by local, state/province and federal authorities for waste disposal.

SECTION 7 - HANDLING & STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING & STORAGE: Store material in a cool, dry location. Do not take internally. Keep out of reach of children.

OTHER PRECAUTIONS: This material is a commercial product designed to be used by professionals familiar with the requirements of this MSDS.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

PRECAUTIONS TO BE TAKEN IN USE:

Adequate ventilation required if used in confined area.

Avoid breathing vapor or spray mist.

Avoid contact with skin and eyes.

Wash hands after handling.

RESPIRATORY PROTECTION: RECOMMENDED. Wear a proper dust respirator approved by NIOSH/MSHA for protection against materials listed in Section 2. If material is ground upon or sanded when it is dry, NOISHA/MSHA approved respirators for dust should be worn. All workers required to wear respirators should be trained in their proper selection, use and care.

SKIN PROTECTION: RECOMMENDED. Wear protective gloves that are impermeable such as neoprene or resistant gloves such as butyl rubber and are recommended by the glove supplier to protect against chemical listed in Section 2.

EYE PROTECTION: RECOMMENDED. Wear protective goggles or a face shield in compliance with OSHA.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: RECOMMENDED. Wear a splash bib and protective clothing to reduce or prevent skin contact.

WORK/HYGIENIC PRACTICES: As with all commercial and industrial products, wash hands thoroughly before eating, smoking or using restroom.

SECTION 9 - PHYSICAL/CHEMICAL PROPERTIES

BOILING POINT: 4046°F / 2230°C SPECIFIC GRAVITY (H2O=1): 2.65

VAPOR DENSITY: N/A **EVAPORATION RATE:** N/A

SOLUBILITY IN WATER: Negligible

APPEARANCE & ODOR: Colorless to white crystals or powder. Odorless

VOLATILE ORGANIC COMPOUNDS (VOC): N/A

SECTION 10 - STABILITY AND REACTIVITY

STABILITY: Stable

CONDITIONS TO AVOID: None known

INCOMPATIBILITY (MATERIALS TO AVOID): Powerful oxidizing agents such as fluorine, chlorine tri-fluorine, manganese trioxide, acids, etc.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: None known

HAZARDOUS POLYMERIZATION: None known. **CONDITIONS TO AVOID:** None known.

SECTION 11 – TOXICOLOGICAL INFORMATION

CARCINOGENICITY: NTP? No IARC MONOGRAPHS? NO OSHA REGULATED? NO MEDICAL CONDITIONS CENTED ALLY ACCOUNTED BY EXPOSURE.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

See Section 2 for exposure limits on all ingredients.

See Section 3 for hazards identification.

SECTION 12 – ECOLOGICAL INFORMATION

This product is not known to be eco-toxic. There is no data which suggests that these ingredients are toxic to birds, fish, invertebrates, micro-organisms or plants.

<u>SECTION 13 – DISPOSAL CONSIDERATIONS</u>

WASTE DISPOSAL METHOD: Do not flush into water, to sewer, watershed or waterway. Dispose in accordance with Federal, State/Provincial, and Local regulations regarding pollution and waste management.

According to the US EPA (40 Cert § 261) waste of this product is not defined as hazardous.

<u>SECTION 14 – TRANSPORT INFORMATION</u>

According to the US Department of Transportation Table of Hazardous Materials (49 Cert §172.101) transportation of this product is not defined as hazardous.

SECTION 15 - REGULATORY INFORMATION

TDCA: All ingredients contained in this product are included on the US EPA Toxic Substance Control Act (TSCA) or are exempt from listing on the TSCA inventory.

CALIFORNIA PROPOSITION 65

WARNING! This product may contain substances at trace levels known to the state of California to cause cancer and birth defects or other reproductive harm.

ALL CANADIAN PRODUCTS

This product has been classified in accordance with the hazard criteria of the Canadian Controlled Product Regulations (CPR). This MSDS contains all of the information required by the CPR.

SECTION 16 – OTHER

NATIONAL FIRE PROTECTION ASSOCIATION (NFPA):

Health 1 Fire 0 Reactivity 0

For further information on health effects, see Sections 3 and 11 of this MSDS.

DISCLAIMER: The information and recommendations contained herein are, to the best of the manufacturer's knowledge and belief, accurate and reliable as of the date issued. The manufacturer does not warrant or guarantee their accuracy or reliability, and the manufacturer shall not be liable for any loss or damage arising out of their use thereof. The information and recommendations are offered for the users' consideration and examination, and it is the users' responsibility to satisfy itself that they are suitable and complete for its particular use. Addition of reducers or other additives to this product may substantially alter the composition and hazards of this product. Since conditions of use are outside our control, the manufacturer makes no warranties, whether expressed or implied, and no liability is assumed in connection with any use of this information.