

SECTION I - PRODUCT IDENTIFICATION

Manufacturer: SURE-FOOT INDUSTRIES
20260 FIRST AVENUE
CLEVELAND, OH 44130

Information Phone: 1-440-234-4446
CHEM•TEL Phone: 1-800-255-3924

Series : **MASTER STOP TILES**
Product Class : PVC, VINYL
Trade Name : TILES
Product Code : **96120**
C.A.S. Number : N/A MIXTURE

Hazardous Rating: none --> extreme
0 -----> 4
Health -- 2
Fire -- 1
Reactivity -- 0
Personal Protection -- B

SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION

<u>Material</u>	<u>C.A.S. NUMBER</u>	<u>Amount in Product</u>	<u>ACGIH TLV-TWA</u>	<u>OSHA-U.S./Mexico PEL(OEL)</u>
Calcium Carbonate ^{2,4}	1317-65-3	15-20%	10 mg/m_(total dust)	5mg/m_(respirable fraction) 15mg/m_(total dust) (10mg/m)
Calcium Carbonate <i>LD50 -N.E.</i> Calcium Carbonate <i>LC50 -N.E.</i>				
Vinyl Chloride Monomer ^{1,2,3,4,5,6}	75-01-4	<8.5 ppm	5 ppm	1 ppm 0.5 ppm-action level (5 ppm - short term exposure limit) (STEL 10 ppm)
Vinyl Chloride Monomer <i>LD50 (rat, oral) - 500mg/kg</i> Vinyl Chloride Monomer <i>LC50 (rat, inhalation) - 18pph/15M</i>				

N.A. - Not Applicable

N.E. - Not Established

Vinyl chloride monomer is shown as an OSHA cancer suspect agent (29 CFR 1910.1017), an American Conference of Governmental Industrial Hygienists (ACGIH) confirmed human carcinogen, and a National Toxicology Program (NTP) and an International Agency for Research on Cancer (IARC) human carcinogen.

Legislative Footnotes

- 1 Ingredient listed on SARA Section 313 List of Toxic Chemicals
- 2 Ingredient listed on the Pennsylvania Hazardous Substances List
- 3 Ingredient listed on the California listing of Chemicals Known to the State to Cause Cancer or Reproductive Toxicity
- 4 Ingredient listed on the Massachusetts Right-to-Know Substance List
- 5 Workplace Hazardous Materials Information System ingredient found on the Ingredient Disclosure List-Canada
- 6 Ingredient listed on the New Jersey Right to Know Hazardous Substance List

NOTES: *TLV-TWA - Threshold Limit Value- Time Weighted Average for concentration of the chemical substance in the ambient workplace air. (The skin notation calls attention to the skin as an additional significant route of absorption of the listed chemical.) American Conference of Governmental Industrial Hygienists (ACGIH).*

OSHA PEL- OSHA Permissible Exposure Limit 8 hour TWA. 29 CFR1910.1000 1989. The action level notation indicates that certain actions must be undertaken by the user of the chemical in the event that this level is exceeded. Specific instructions can be found in the Code of Federal Regulations (29 CFR) for the specific chemical.

Mexican OSHA OEL- Mexican OSHA Occupational Exposure Limit-8 hour TWA

SECTION III - PHYSICAL / CHEMICAL CHARACTERISTICS

Appearance: YELLOW CUBES/PELLETS
Odor: SLIGHT CHARACTERISTIC
Percent Volatiles: NOT ESTABLISHED
Solubility in Water: NOT ESTABLISHED
Physical State: SOLID

Spec.Gravity: NOT ESTABLISHED
Melting Point: NOT ESTABLISHED
Glass Transition Temperature: NOT ESTABLISHED
Bulk Density: NOT ESTABLISHED

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point: NOT ESTABLISHED FOR THE PRODUCT;THE VINYL RESIN PORTION OF THE PRODUCT HAS A FLASH-IGNITION TEMPERATURE OF APPROXIMATELY 391°C (735°F) AND A SELF-IGNITION TEMPERATURE OF APPROXIMATELY 454°C (850°F) ASTMD-1929

--EXTINGUISHING MEDIA: WATER, ABC DRY CHEMICAL, PROTEIN TYPE AIR FOAMS. (CARBON DIOXIDE MAY BE INEFFECTIVE ON LARGER FIRES DUE TO LACK OF COOLING CAPACITY WHICH MAY RESULT IN REIGNITION.)

- SPECIAL FIREFIGHTING PROCEDURES:** WEAR SELF CONTAINED BREATHING APPARATUS IN POSITIVE PRESSURE MODE. PERSONNEL NOT HAVING SUITABLE RESPIRATORY PROTECTION MUST LEAVE THE AREA TO PREVENT SIGNIFICANT EXPOSURE TO TOXIC COMBUSTION GASES FROM ANY SOURCE. IN ENCLOSED OR POORLY VENTILATED AREAS, WAER SCUBA DURING CLEANUP IMMEDIATELY AFTER A FIRE AS WELL AS DURING THE ATTACK PHASE OF FIREFIGHTING OPERATIONS.
- UNUSUAL FIRE & EXPLOSION HAZARDS:** COMBUSTION PRODUCTS WILL INCLUDE DENSE BLACK SMOKE AND INTENSE HEAT.

SECTION V - REACTIVITY DATA

STABILITY: STABLE

HAZARDOUS POLYMERIZATION: [] May occur [x] Will not occur

- INCOMPATIBILITY:** AVOID CONTACT WITH STRONG OXIDIZERS. ALSO AVOID CONTACT WITH ACETAL COPOLYMERS AND WITH AMINE CONTAINING MATERIALS DURING PROCESSING. AT PROCESSING CONDITIONS, THESE MATERIALS ARE MUTUALLY DESTRUCTIVE AND INVOLVE RAPID DEGRADATION. THOROUGHLY PURGE AND MECHANICALLY CLEAN PROCESSING EQUIPMENT TO AVOID EVEN TRACE QUANTITIES OF THESE MATERIALS FROM COMING IN CONTACT WITH EACH OTHER. PREVENT CROSS CONTAMINATION OF FEEDSTOCKS.
- CONDITIONS TO AVOID:** EXCESSIVE HEAT (APPROXIMATELY 30 MINUTES OR MORE) OF THE PRODUCT ABOVE 200°C (392°F) OR SHORT TERM HEATING AT 250°C (482°F) MAY RESULT IN RAPID EVOLUTION OF HYDROGEN CHLORIDE.
- HAZARDOUS DECOMPOSITION OR BYPRODUCTS:** HYDROGEN CHLORIDE, CARBON MONOXIDE, CARBON DIOXIDE AND SMALL AMOUNTS OF BENZENE AND AROMATIC AND ALIPHATIC HYDROCARBONS AND ALIPHATIC OLEFINS.

SECTION VI -- HEALTH HAZARD DATA

- INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:** REMOVE AFFECTED INDIVIDUAL TO FRESH AIR. CONTACT A PHYSICIAN.
- SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:** FLUSH EYES WITH WATER FOR AT LEAST 15 MINUTES WHILE LIFTING UPPER AND LOWER EYELIDS. SEEK MEDICAL ATTENTION IF IRRITATION PERSISTS.
- **SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:** NOT AN ANTICIPATED HAZARD, HOWEVER, GOOD PERSONAL HYGIENE PRACTICES ARE ALWAYS RECOMMENDED FOR MATERIAL HANDLING.
- **INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:** NOT AN ANTICIPATED HAZARD.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

- STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**
- WASTE DISPOSAL METHOD:** DISPOSE OF WASTE IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.
- PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING**
- OTHER PRECAUTIONS:** NONE

SECTION VIII -- CONTROL MEASURES

SURE-FOOT INDUSTRIES CORP. GIVES ALL INFORMATION HEREIN CONTAINED IN GOOD FAITH. DUE TO DIFFERENT APPLICATIONS, THE END USER SHOULD MAKE FINAL DETERMINATION AS TO THE PROPER EQUIPMENT AND CONTROLS TO BE USED WITH THIS PRODUCT.

- RESPIRATORY PROTECTION:** N/A
- VENTILATION:** N/A
- PROTECTIVE GLOVES:** N/A
- EYE PROTECTION:** N/A
- OTHER PROTECTIVE EQUIPMENT:** N/A
- WORK/HYGIENIC PRACTICES:** N/A

SECTION IX -- OTHER INFORMATION

THE INFORMATION HEREIN IS GIVEN IN GOOD FAITH, BUT NO WARRANTY EXPRESSED OR IMPLIED IS MADE. SURE-FOOT INDUSTRIES CORP. URGES USERS OF THIS PRODUCT TO EVALUATE ITS SUITABILITY AND COMPLIANCE WITH LOCAL REGULATIONS AS SURE-FOOT INDUSTRIES CANNOT FORESEE THE FINAL USE OF THE PRODUCT, NOR THE FINAL LOCATION OF USAGE.