

MATERIAL SAFETY DATA SHEET

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EMERGENCY PHONE NUMBER: INFOTRAC: (800) 535-5053

I.Product

PRODUCT NAME: Elgen PVC Cleat

CLASS: Vinyl Resin (Polyvinyl Chloride)

II.Physical Data

APPEARANCE: Light Grey, Solid Extrusion/Pellet, Slight characteristic odor

SOLUBILITY IN WATER: N/E

SPECIFIC GRAVITY: N/E

III. Hazardous Ingredients

<u>MATERIAL:</u>	<u>% WEIGHT</u>	<u>CAS Number</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Calcium Carbonate	3-7	1317-65-3	5	10
Titanium Dioxide	1-5	13463-67-7	15	10
Talc	0.1-1	14807-96-6	2	2
Calcium Tearate	0.5-1.5	1592-23-0	N/E	10
Vinyc Cloride Polimer		75-01-4		

IV.Health Hazard Data

ROUTE OF EXPOSURE: The product is physically handled, but under normal use, presents no serious hazard.

EFFECTS OF OVEREXPOSURE:

ACUTE EFFECT: The vinyl compound presents no significant health hazards. Eye, skin and respiratory tract irritation may occur if thermal decomposition of the polymer occurs.

CHRONIC EFFECTS: The vinyl compound presents no significant health hazards. If thermal decomposition occurs, the acute irritation prevents one from experiencing prolonged exposure
Chronic inhalation of high concentrations of carbon may cause pulmonary disorders.

Chronic inhalation of copper dust has caused, in animals, hemolysis of the red blood cells, deposition of hemofuscin in the liver and pancreas, injury to lung cells and gastrointestinal symptoms.

Exposure to dust and fume of tin (oxide) is recognized to result in a benign pneumoconiosis called stannosis.

Vanadium dusts cause a persistent cough, which can develop after five hours of exposure and may last up to ten days.

Pulmonary irritation also results from vanadium, but there are no deviations in pulmonary function or other laboratory tests.

V. Fire and Explosion Hazard Data

FLASH POINT: 391° C

AUTOIGNITION TEMPERATURE: 454° C

FLAMMABILITY: The polyvinyl chloride will only burn if there is a continuous application of intense heat.

EXTINGUISHING MEDIA: Use water, ABC dry chemical or protein-type air foam.

SPECIAL PROCEDURES: Positive pressure, self-contained breathing apparatus must be worn.

VI. Spill or Leak Procedures

Any scrap should be placed into a closed container for disposal.

Waste Disposal Method: Dispose of in accordance with appropriate federal, state and local regulations..

VII. Special Protection

VENTILATION: General exhaust ventilation should be provided to keep worker exposures within allowable limits.

RESPIRATORY PROTECTION: Equipment is not normally required. However, abnormal conditions may require one to wear **NIOSH/MSHA:** Approved positive pressure self-contained breathing apparatus.

EYE PROTECTION: Personal protective equipment should be worn when there is a reasonable probability of injury.

PROTECTIVE GLOVES: As needed.

VIII. Emergency and First Aid Procedures

INHALATION: Not applicable.

SKIN CONTACT: Wash area of contact with soap and water. If irritation persists, seek medical attention.

EYE CONTACT: Flush immediately with running water for fifteen minutes. If irritation persists, seek medical attention.

INGESTION: N/A

IX. Carcinogenic Assessment

Polyvinyl Chloride has NOT been identified as a suspect carcinogen by NTP and IARC.

X. Special Precautions

HANDLING AND STORAGE: Use good housekeeping practices to avoid excessive dust accumulation.

XI. Reactivity Data

STABILITY: Stable under normal conditions of handling and use.

CONDITIONS TO AVOID: Extreme heat.

INCOMPATIBILITY: Avoid contact with strong oxidizers. Also avoid contact with acetal or acetal copolymers and with amine-containing compounds during processing.

HAZARDOUS DECOMPOSITION PRODUCT: Upon heating Hydrogen Chloride, carbon monoxide, carbon dioxide and small amounts of benzene, aliphatic and aromatic compounds are released.

HAZARDOUS POLYMERIZATION: Will not occur.

This information is taken from sources or based upon data believed to be reliable; however, Elgen Manufacturing Company, INC makes no warranty as to the absolute correctness or sufficiency of any of the foregoing or that additional or other measures may not be required under particular conditions.