

Spartech Code EL Rigid PVC Compound, Pellet

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PRODUCT AND COMPANY IDENTIFICATION

Product Identifier: Spartech Code EL Rigid PVC Compound, Pellet
SDS Number: 7/29/2024
Revision Date: PVC compound for use in extruded articles

Supplier Details: Spartech
11650 Lakeside Crossing Ct
Maryland Heights, Mo 63146

Web: www.spartech.com

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HAZARDS IDENTIFICATION

Classification of the Substance or Mixture

GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS):

Health, Skin corrosion/irritation, 3
Health, Serious Eye Damage/Eye Irritation, 2 B
Health, Specific target organ toxicity - Single exposure, 3
Health, Reproductive toxicity, 2
Health, Specific target organ toxicity - Single exposure, 1

GHS Label Elements, Including Precautionary Statements

GHS Signal Word: **DANGER**

GHS Hazard Pictograms:



GHS Hazard Statements:

H316 - Causes mild skin irritation
H320 - Causes eye irritation
H335 - May cause respiratory irritation
H361 - Suspected of damaging fertility or the unborn child (inhalation)
H370 - Causes damage to organs (lungs)(inhalation)

GHS Precautionary Statements:

P260 - Do not breathe dust/fume/gas/mist/vapours/spray.
P262 - Do not get in eyes, on skin, or on clothing.
P281 - Use personal protective equipment as required.
P302 + P352 - IF ON SKIN: Wash with plenty of water/...
P304 + P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Hazards not Otherwise Classified (HNOC) or not Covered by GHS

This compound is predominantly polyvinyl chloride polymer (PVC), a substance not considered to be a hazardous chemical based upon evaluations made by our company under the OSHA Hazard Communication Standard, 29 CFR 1910.1200. Hazardous ingredients (See section 8) that may exist in this product, however, are listed as such but are not expected to pose an exposure hazard with appropriate processing and handling techniques which include engineering controls discussed in section 7 and 8. It is the obligation of the processor of this product to determine if the effectiveness of said material handling techniques, PPE, and engineering controls mitigate any health risks associated with exposure to this material.

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3 COMPOSITION/INFORMATION OF INGREDIENTS

Chemical Ingredients		
CAS#	%	Chemical Name
9002-86-2	60-85%	Ethene, chloro-, homopolymer
0	2-12%	Functional Additives
75-01-4	<.0005%	vinyl chloride
1309-64-4	1-7%	Antimony oxide (Antimony trioxide)
12411-64-2	1-7%	Molybdate (Mo80264-), tetraammonium
1309-42-8	2-9%	Magnesium hydroxide (Mg(OH)2)

4 FIRST AID MEASURES

Inhalation: If symptoms develop, move victim to fresh air. If symptoms persist, obtain medical attention
Skin Contact: Promptly flush skin with water until all chemical is removed
Eye Contact: Flush with large amounts of water

5 FIRE FIGHTING MEASURES

Flammability: Not Flammable
Flash Point: 390
Flash Point Method: COC

Combustion by products include- hydrogen chloride (HCl) gas, carbon dioxide, carbon monoxide
 Extinguish with water or ABC dry chemical

Firefighter equipment: Include positive pressure self contained breathing apparatus.

6 ACCIDENTAL RELEASE MEASURES

Keep away from drains and ground water.
 Sweep up, place in bag and hold for waste disposal.
 Do not discharge into drains.

7 HANDLING AND STORAGE

Handling Precautions: When applicable, inhalation of dust should be avoided. Exercise care when dumping bags, sweeping, mixing or performing other tasks that might create dust.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Use mechanical (general) ventilation to contain volatiles during processing (i.e.- at die exits) or dusting when handling/conveying.

Personal Protective Equipment: HMIS PP, E | Safety Glasses, Gloves, Dust Respirator

Exposure Limits: This compound may contain the following hazardous substances. Their respective exposure limits are listed. Engineering controls and personal protective equipment (PPE) used during handling and processing of this product are expected to keep exposures of said substances below their respective exposure limits.

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Vinyl Chloride Monomer CAS# 75-01-4

OSHA (TWA5/PEL): 1ppm/ 8hr TWA

ACGIH (TWA/TLV): 5 ppm

Acrylic Copolymer (proprietary)

OSHA (TWA5/PEL): 100 ppm

ACGIH (TWA/TLV): 50ppm

Organotin Compound (proprietary)

OSHA (TWA5/PEL) 0.1 mg/m³

ACGIH (TWA/TLV) 0.1 mg/m³

Calcium Stearate CAS 1592-23-0

OSHA (TWA5/PEL): not established

ACGIH (TWA/TLV): 10mg/m³

Antimony Trioxide CAS# 1309-64-4

OSHA PEL: 0.5 mg/m³

ACGIH-TLV: 0.5 mg/m³

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Solid Pellet, natural color		
Physical State:	n/a	Odor:	n/a
Spec Grav./Density:	1.36		

10 STABILITY AND REACTIVITY

Reactivity:	Stable
Conditions to Avoid:	Prevent cross contamination of feedstocks
Hazardous Decomposition:	Upon degradation and/or burning: Hydrogen chloride, carbon monoxide, carbon dioxide
Hazardous Polymerization:	Will not occur

11 TOXICOLOGICAL INFORMATION

Routes of Exposure: Inhalation: Yes (vapors from melt) Skin: No Ingestion: No Eyes- Yes

Health Hazards (Acute and Chronic) : Inhalation may cause nausea and discomfort. Exposure to melt vapors may cause irritation of eyes and respiratory tract.

Carcinogenicity: NTP: No IARC monographs: NO OSHA Regulated: No

Signs and Symptoms of Exposure:
Nausea, discomfort, dizziness, headache, eye, skin or respiratory tract irritation

12 ECOLOGICAL INFORMATION

Environmental Impact/ Toxicity: In both storage and use of this material, there is low probability of impact to the

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environment and/or organisms.

Aquatic: No Data

Biodegradability: Not biodegradable

13 DISPOSAL CONSIDERATIONS

Measures should be put into action to prevent the product from being introduced to the soil and the ground and surface water.

Dispose of virgin or processed polymer in a suitable container to a licensed landfill or by incineration in accordance with federal state and local laws and regulation. Alternatively, disposition of virgin or processed polymer can be routed to commercial reprocessors/ recyclers for future post industrial use.

14 TRANSPORT INFORMATION

Non Hazardous for air, sea and road freight

U.S. DOT Classification: Not regulated

ICAO/IATA (air): Not regulated

IMO/IMDG (maritime): Not regulated

15 REGULATORY INFORMATION

Component (CAS#) [%] - CODES

Ethene, chloro-, homopolymer (9002-86-2) [60-85%] TSCA

Functional Additives (0) [2-12%]

Vinyl chloride (75-01-4) [<.0005%] APP9, CERCLA, EPCRAWPC, GADSL, HAP, HWRORA, MASS, NJHS, NRC, OSHAHTS, OSHAWAC, PA, PRIPOL, PROP65, SARA313, TOXICPOL, TOXICRORA, TSCA, TXAIR, TXHWL

Antimony oxide (Antimony trioxide) (1309-64-4) [1-7%] CERCLA, CSWHS, EPCRAWPC, GADSL, MASS, PA, PROP65, TSCA, TXAIR

Molybdate (Mo8O264-), tetraammonium (12411-64-2) [1-7%] TSCA

Magnesium hydroxide (Mg(OH)2) (1309-42-8) [n/a%] TSCA



WARNING

This product can expose you to chemicals including Vinyl chloride and Antimony oxide (Antimony trioxide), which are known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

Regulatory CODE Descriptions

TSCA = Toxic Substances Control Act
APP9 = Appendix 9
CERCLA = Superfund clean up substance
EPCRAWPC = EPCRA Water Priority Chemicals
GADSL = Global Automotive Declarable Substance List (GADSL)
HAP = Hazardous Air Pollutants
HWRORA = RCRA Hazardous Wastes
MASS = MA Massachusetts Hazardous Substances List
NJHS = NJ Right-to-Know Hazardous Substances
NRC = Nationally Recognized Carcinogens
OSHAHTS = OSHA Hazardous and Toxic Substances
OSHAWAC = OSHA Workplace Air Contaminants
PA = PA Right-To-Know List of Hazardous Substances

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PRIPOL = Clean Water Act Priority Pollutants
 PROP65 = CA Prop 65
 SARA313 = SARA 313 Title III Toxic Chemicals
 TOXICPOL = Clean Water Act Toxic Pollutants
 TOXICRCRA = RCRA Toxic Hazardous Wastes (U-List)
 TXAIR = TX Air Contaminants with Health Effects Screening Level
 TXHWL = TX Hazardous Waste List
 CSWHS = Clean Water Act Hazardous substances

16 OTHER INFORMATION

NFPA: Health = 1, Fire = 1, Reactivity = 0, Specific Hazard = n/a
HMIS III: Health = 1(Chronic), Fire = 1, Physical Hazard = 0
HMIS PPE: E - Safety Glasses, Gloves, Dust Respirator



HMIS	
HEALTH	<input checked="" type="checkbox"/> 1
FLAMMABILITY	1
PHYSICAL HAZARD	0
PERSONAL PROTECTION	E

Information contained herein is believed to be true and accurate, but all statements or suggestions are made without warrant, expressed or implied, regarding the accuracy of information, the hazards connected with the used of the material or the results to be obtained from the use thereof. Compliance with all applicable federal, state, and local laws and regulations remain the responsibility of the user.

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