

SAFETY DATA SHEET

PRECISION LABORATORIES, LLC

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name:	Prism™ SCP2020
Supplier:	Precision Laboratories, LLC 1429 S. Shields Drive Waukegan, IL 60085
Product Use:	Seed Treatment
Emergency telephone number:	(Chemtrec Information 24 hours) (800) 424-9300
Customer Service, call:	(847) 596-3001

2. HAZARDS IDENTIFICATION

GHS Classification:

Skin Irritation, Category 2, H315

Eye Irritation, Category 2B, H320



H315

Signal Word: Warning

Hazard Statements:

H315: Causes skin irritation.

H320: Causes eye irritation.

Precautionary Statements:

Prevention

P101: If medical advice is needed, have product container or label at hand.

P102: Keep out of reach of children.

P103: Read label before use.

P260: Do not breathe dust/fume/gas/mist/vapors/spray.

P264: Wash protective equipment and work clothes thoroughly after handling.

P270: Do not eat, drink or smoke when using this product.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

Response

P302+P352: IF ON SKIN: Wash with plenty of water.

P305+P351+P338: If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P321: Treat symptomatically.

P332+P313: If skin irritation occurs: Get medical advice or attention.

P337+P313: If eye irritation persists: Get medical attention or advice.

P362+P364: Take off contaminated clothing and wash it before reuse.

Storage

P405: Store locked up.

Disposal

P501: Dispose of contents/container to disposal plant in accordance with federal, state and local regulations.

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3. COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS Number	Weight %
Mixture	Proprietary	100%

4. FIRST AID MEASURES

- IF SWALLOWED: Rinse mouth. Have person sip a glass of water if able to swallow. Do NOT induce vomiting, unless told to by a poison control center or doctor. Do not give anything to an unconscious person.
- IF ON SKIN: Wash affected area with plenty of soap and water. Use tepid water if available. If skin irritation occurs: Get medical advice or attention. Treat symptomatically. Take off contaminated clothing and wash it before reuse.
- IF INHALED: Move person to fresh air. If person is having difficulty breathing, give oxygen. If not breathing, give artificial respiration.
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice or attention.

5. FIREFIGHTING MEASURES

- Suitable Extinguishing media: Water and CO₂ may be used for product in liquid state. For dry polymer, use alcohol resistant foam, CO₂ or dry chemical. Dry extinguishing media and foam may be used in areas where this product is stored.
- Specific Hazards: Contain escaping vapors with water. Prevent firefighting water from entering surface water or groundwater. Ambient fire may liberate hazardous vapors.
- PPE and Precautions: Firefighters should wear NIOSH/MSHA approved self-contained breathing apparatus and full protective clothing.

6. ACCIDENTAL RELEASE MEASURES

- In Case of Spill: Collect spillage. Isolate area. Keep unnecessary personnel away. Stop the flow of material, if this is without risk. Absorb material with suitable absorbent (e.g., sand, silica gel, acid binder, universal binder, saw dust) and containerize for disposal. Do not allow product to enter sewers, groundwater or waterways.
- Disposal: Dispose of collected waste in accordance with federal, state and local regulations.

7. HANDLING AND STORAGE

- Avoid eye and skin contact. Do not inhale vapors or aerosols. Product should be stored in a dry place at temperatures between 40 and 95°F. Do not store in metal containers. Keep container tightly closed in a cool, well-ventilated place; protect from drying. Do not store with food or feed. **Store locked up.**

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Component Exposure Limits:

Component	Type	Exposure LV	Source
Vinyl acetate	OSHA STEL	20-ppm	---
Vinyl acetate	ACGIH TWA	10-ppm	---
Vinyl acetate	ACGIH STEL	15-ppm	---
Vinyl acetate	LMPE-PPT	30-mg/m ³ , 10-ppm	Mexican National Exposure Limits
Vinyl acetate	STEL	60-mg/m ³ , 20-ppm	Mexican National Exposure Limits
Vinyl acetate	Mexican Carcinogen Cat.	A3	Mexican National Exposure Limits
Mica	ACGIH TLV	TWA: 3-mg/m ³ respirable fraction	---
Mica	NIOSH IDLH	1500-mg/m ³	---

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		(TWA: 3-mg/m ³ containing <1% Quartz respirable dust)	
Titanium dioxide	ACGIH TLV	TWA (inhalable particles): 10-mg/m ³	---
Titanium dioxide	OSHA PEL	TWA: 15-mg/m ³ total dust (vacated) TWA: 10-mg/m ³ total dust	---
Titanium dioxide	NIOSH IDLH	5000-mg/m ³	---
Silicon dioxide – Respirable fraction.	TWA	0.025-mg/m ³	US. ACGIH Threshold Limit Values (02.2012)
Silicon dioxide – Respirable dust.	REL	0.05-mg/m ³	US. NIOSH: Pocket Guide to Chemical Hazards (2010)
Silicon dioxide – Respirable.	TWA	2.4 millions of particles per cubic foot of air	US. OSHA Table Z-3 (29 CFR 1910.1000) (2000)
Silicon dioxide – Respirable.	TWA	0.1-mg/m ³	US. OSHA Table Z-3 (29 CFR 1910.1000) (2000)
Silicon dioxide – Total dust.	TWA	0.3-mg/m ³	U.S OSHA Table Z-3 (29 CFR 1910.1000) (2000)

Eye/Face Protections:

Wear protective eyewear. Contact lenses should not be worn when working with chemicals.

Skin Protection:

Wear long-sleeved shirt, long pants, socks, shoes, and barrier laminate, neoprene rubber, nitrile rubber or Viton® gloves. As precautions, wash hands and face with mild soap and water before eating, drinking, smoking or using restroom. After each shift, clean all protective equipment, wash work clothes, and shower.

Respiratory Protection:

None required where adequate ventilation conditions exist. If airborne concentrations are above the applicable exposure limits, use NIOSH approved respiratory protection.

General Protection:

Use general ventilation and use local exhaust, where possible, in confined or enclosed spaces. Avoid contact with skin, eyes and clothing. Avoid breathing vapors. Wash thoroughly after handling product.

Note:

When selecting personal protective equipment and clothing, follow all of the manufacturer specifications and recommendations that apply to your specific operation and processing conditions. Take into consideration all working conditions and all chemicals to be handled or processed. Eye wash fountains and drench showers should be located within a 10 second walk from the work area per ANSI Z358.1-2009.

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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Milky-white liquid	UEL:	N/D
Odor:	Slight odor	LEL:	N/D
pH (neat):	7.6	Vapor Pressure:	N/D
pH (1% in dist.):	8.8	Vapor Density:	N/D
Melting Point:	N/D	Density:	9.23-lbs/gallon
Freezing Point:	N/D	Solubility in water:	Complete
Boiling Point:	N/D	Viscosity (@ 20-rpm, s62):	1,170-cps
Flash Point:	N/D	Partition Coefficient:	N/D
Evaporation Rate:	N/D	Autoignition Temperature:	N/D
Flammability:	N/D	Decomposition Temperature:	N/D

10. STABILITY AND REACTIVITY

Stability:	Stable
Possibility of Hazardous Reactions:	Polymerization should not occur under normal conditions.
Condition to Avoid:	Do not allow to freeze, excessive heat, static discharge.
Incompatible Materials:	Strong oxidizing agents, amines, acids, alkalis.
Hazardous Decomposition Products:	Oxides and carbon and nitrogen.

11. TOXICOLOGICAL INFORMATION

Quantitative data on the toxicity of this product are not available.

Product contains residual Vinyl acetate, an IARC 2B possible human carcinogen based on animal data.

Smectite clay, LD50 Dermal, Rabbit >3500-mg/kg

Smectite clay, LD50 Oral, Mouse >50000-mg/kg

Titanium dioxide, Oral LD50 >10000-mg/kg (Rat)

Pure Kaolin is apparently not fibrogenic and does not induce debilitating silicosis. However, if it is contaminated with crystalline silica it may produce severe lung effects, including emphysema and pulmonary fibrosis due to the contaminating silica. Chronic inhalation may cause a particular type of pneumoconiosis called Kaolinosis. It is characterized by positive x-ray findings and mild reductions of pulmonary function.

Silicon dioxide: There is some evidence that breathing respirable crystalline silica or the disease silicosis is associated with an increased incidence of significant disease endpoints such as sclerodema (an immune disorder manifested by fibrosis of the lungs, skin and other internal organs) and kidney disease.

Silicon dioxide: IARC Monographs on the Evaluation of Carcinogenic Risks to Humans: Overall evaluation: Carcinogenic to humans.

Silicon dioxide: US. National Toxicology Programs (NTP) Report on Carcinogens: Known To Be Human Carcinogen.

Silicon dioxide: Over exposure to crystalline silica may cause development of silicosis (progressive fibrosis). Symptoms initially include coughing, wheezing, and non-specific chest illnesses. As the disease progresses, pain in the chest and decreased breathing capacity is evident. Target organ for inhalation is: Lung

12. ECOLOGICAL INFORMATION

Quantitative data on the ecological effect of this product are not available.

Do not let product enter watercourse.

Titanium dioxide: LC50, fish >1,000-mg/L, 96-hour

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Titanium dioxide: EC50, Daphnia magna (Water flea) >1,000-mg/L, 48-hour

13. DISPOSAL CONSIDERATIONS

Component Waste Numbers:	No EPA Waste Numbers are applicable for this product's components.
Disposal Instructions:	Dispose of material in compliance with applicable federal, state and local environmental regulations.
Container Reuse:	An empty container can contain product residue, and should not be reused. If not professionally cleaned and reconditioned, crushing or other means is recommended to prevent unauthorized reuse. Dispose of container in accordance with federal, state and local environmental regulations.

14. TRANSPORT INFORMATION

DOT Status (Highway and rail):	Not Regulated
IATA Status (Air):	Not Regulated
Marine Pollutant:	No

15. REGULATORY INFORMATION

TSCA: All components of this product are listed under the regulation of the Toxic Substance Control Act.

SARA 311/312 HAZARD: Immediate/Acute Health (irritant): Yes

Titanium dioxide: Acute, Chronic

Vinyl acetate: Acute, Chronic

Silicon dioxide: Delayed (Chronic)

SARA 313 Chemicals: Vinyl acetate <0.2%; Silicon dioxide

EPCRA Section 313: Vinyl acetate

CERCLA Hazardous Substances: Vinyl acetate

Extremely Hazardous Substance: Vinyl acetate

California Prop. 65: Warning: This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm: Silicon dioxide; Titanium dioxide - cancer

Illinois toxic substances disclosure to employee act: Vinyl acetate, Kaolin,

Rhode Island RTK hazardous substances: Vinyl acetate, Kaolin

Pennsylvania RTK: Vinyl acetate, Kaolin, Mica, Titanium dioxide

Minnesota RTK: Kaolin

Massachusetts RTK: Vinyl acetate, Kaolin, Mica, Titanium dioxide

New York RTK: Vinyl acetate

New Jersey RTK: Vinyl acetate, Mica, Titanium dioxide

Louisiana RTK: Vinyl acetate

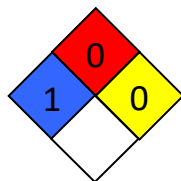
WHMIS (Canada): CLASS D-2A: Material causing other toxic effects (Very Toxic): Kaolin

16. OTHER INFORMATION

HMIS Hazard Rating

HEALTH	1
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	X

NFPA Rating



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WHILE INFORMATION AND RECOMMENDATIONS SET FORTH HEREIN ARE BELIEVED TO BE ACCURATE AS OF THE DATE HEREON, PRECISION LABORATORIES, LLC MAKES NO WARRANTY WITH RESPECT THERETO AND DISCLAIMS ALL LIABILITY FROM RELIANCE THEREON.

N/R—Not Rated

N/D—Not Determined

N/A—Not Applicable

N/E—Not Established

EPA = Environmental Protection Agency; TSCA = Toxic Substance Control Act; ACGIH = American Conference of Governmental Industrial Hygienists; IARC = International Agency for Research on Cancer; NIOSH = National Institute for Occupational Safety and Health; NTP = National Toxicology Program; OSHA = Occupational Safety and Health Administration., NJTSR = New Jersey Trade Secret Registry.