



SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of:
the 2024 OSHA Hazard Communication Standard.
(29 CFR § 1910.1200).

Date of document

Origination 02-Jun-2025	Last Regulatory Review 02-Jun-2025	Print 02-Jun-2025
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1. IDENTIFICATION

Product identifier

Product identifier **88G11457**
Product Name **Lime Green PVC**

Other means of identification

CAS Number: Mixture

Synonyms None

Supplied By Penn Color, Inc.
2801 Richmond Road
Hatfield, PA 19440

Recommended use of the chemical and restrictions on use

Recommended Use FOR INDUSTRIAL USE ONLY!

Restrictions on use No information available

Uses advised against No information available

Details of the supplier of the safety data sheet

<u>Manufacturer:</u> Penn Color, Inc. 2801 Richmond Road Hatfield, PA 19440	<u>Company Phone Number</u> +1 (215) 997-2221	<u>Facsimile</u> +1 (215) 822-5801
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Contact Point Product Stewardship Team
SDS Inquiries msds@penncolor.com
Regulatory Inquiries regulatory@penncolor.com

Web Address www.penncolor.com

Emergency Telephone Number:

Chemtrec USA: 1 (800) 424-9300 or +1 (703) 527-3887

Chemtrec In-Country

Argentina: +54 11 5983-9431

Brazil: Rio De Janeiro +55 21 3958-1449

Brazil: Sao Paulo +55 11 4349-1359

Brazil: Toll Free - Mobile Enabled 0800 892 0479

Chile: Santiago +56 2 2581 4934

Colombia: Bogota +57 601 7942539

Columbia: Toll Free 01-800-7102151

Chemtrec Registrant Identifier:

Penn Color, Inc. CCN - 16979

2. HAZARDS IDENTIFICATION

Classification

This chemical is not considered hazardous by the 2024 OSHA Hazard Communication Standard (29 CFR 1910.1200).

Hazards not otherwise classified (HNOC)

Not applicable.

Label elements

Signal word

None

Hazard statements

None.

Precautionary Statements - Prevention

None

Precautionary Statements - Response

None

Precautionary Statements - Storage

Store in a well-ventilated place. Keep container tightly closed

Precautionary Statements - Disposal

None

Other Information:**Other hazards** None**Numerical measures of toxicity****Acute toxicity****The following values are calculated based on chapter 3.1 of the GHS document**

ATEmix (oral)	99,999.00	mg/kg
ATEmix (dermal)	99,999.00	mg/kg
ATEmix (inhalation-gas)	99,999.00	ppm
ATEmix (inhalation-dust/mist)	99,999.00	mg/l
ATEmix (inhalation-vapor)	99,999.00	mg/l

Unknown acute toxicity**Unknown acute toxicity** 0 % of the mixture consists of ingredient(s) of unknown toxicity

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance

Not applicable.

Mixture

The product contains no substances which at their given concentration, are considered to be hazardous to health

4. FIRST AID MEASURES

Description of first aid measures

Eye contact	• Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician
Skin contact	• Wash skin with soap and water

Inhalation • Remove to fresh air

Ingestion • Rinse mouth

Most important symptoms and effects, both acute and delayed

Symptoms • No information available

Indication of any immediate medical attention and special treatment needed

Note to physicians • Treat symptomatically

5. FIRE-FIGHTING MEASURES

Extinguishing media

Suitable Extinguishing Media • CO₂, dry chemical, dry sand, alcohol-resistant foam

Unsuitable extinguishing media • CAUTION: Use of water spray when fighting fire may be inefficient

Specific hazards arising from the chemical • No information available

Hazardous combustion products • Thermal decomposition and burning may produce carbon monoxide, carbon dioxide, nitrogen oxides, and other toxic compounds.

Explosion data

Sensitivity to mechanical impact • None

Sensitivity to static discharge • None

Special protective equipment and precautions for fire-fighters • Wear self-contained breathing apparatus and protective suit

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions • Ensure adequate ventilation

For emergency responders • Use personal protection recommended in Section 8

Methods and material for containment and cleaning up

Methods for containment • Prevent further leakage or spillage if safe to do so

Methods for cleaning up • Pick up and transfer to properly labeled containers

Prevention of secondary hazards • Clean contaminated objects and areas thoroughly observing environmental regulations

Reference to other sections • See Section 12 for additional Ecological Information

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling • Handle in accordance with good industrial hygiene and safety practice

Conditions for safe storage, including any incompatibilities

Storage Conditions • Keep containers tightly closed in a dry, cool and well-ventilated place

Incompatible materials • None known based on information supplied

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Limits

The following ingredients are the only ingredients of the product above the cut-off level (or level that contributes to the hazard classification of the mixture) which have an exposure limit applicable in the region for which this safety data sheet is intended or other recommended limit. At this time, the other relevant constituents have no known exposure limits from the sources listed here

Chemical name	ACGIH TLV	OSHA PEL	NIOSH
Diarylide Pigment 5 - < 10		See Note	
Green Pigment 1 - < 3	TWA: 1 mg/m ³ Cu dust and mist		IDLH: 100 mg/m ³ Cu dust and mist TWA: 1 mg/m ³ Cu dust and mist

Note

For more information regarding the hazards of diarylide pigments processed at elevated temperatures, please see the discussion of hazardous decomposition products in **Section 10**.

Appropriate engineering controls

Engineering controls • Showers, eyewash stations, and ventilation systems

Individual protection measures, such as personal protective equipment

General hygiene considerations • Handle in accordance with good industrial hygiene and safety practice

Eye/face protection • Wear safety glasses with side shields (or goggles)

Hand protection • Wear suitable gloves

Skin and body protection • Wear suitable protective clothing

Respiratory protection • When workers are facing concentrations above the exposure limit they must use appropriate certified respirators

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state	Solid
Appearance	Pellets
Color	Lime Green
Odor	No information available
Odor Threshold	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks Method</u>
pH	No data available	None known
pH (as aqueous solution)	No data available	None known
Melting point / freezing point	No data available	No information available
Boiling point / boiling range °C	No data available	None known
Flash point	No data available	Closed Cup
Evaporation rate	No data available	None known
Flammability (solid, gas)	No data available	None known
Flammability Limit in Air	No data available	None known
Upper flammability or explosive limits	No data available	

Lower flammability or explosive limits	No data available	
Vapor Pressure	No data available	None known
Vapor Density	No data available	None known
Relative Density	No data available	
Water solubility	No data available	None known
Solubility(ies)	No data available	None known
Partition coefficient: n-octanol/water	No data available	
Autoignition temperature	No data available	None known
Decomposition temperature		None known
Kinematic Viscosity	No data available	None known
Dynamic viscosity	No data available	None known

Other information

Explosive properties	No data available
Oxidizing properties	No data available
Softening Point	No data available
Molecular weight	No data available

10. STABILITY AND REACTIVITY

Reactivity	Stable
Chemical stability	Stable under normal conditions
Possibility of hazardous reactions	None under normal processing
Conditions to avoid	Direct heating, dirt, chemical contamination, sunlight, UV or ionizing radiation, freezing temperatures.
Incompatible materials	None known based on information supplied
Hazardous decomposition products	Thermal decomposition and burning may produce carbon monoxide, carbon dioxide, nitrogen oxides, and other toxic compounds, Information supplied to Penn Color indicates that diarylide pigments in polymers can decompose at temperatures above 200° C to produce trace amounts of 3,3' Dichlorobenzidine. The amount and species of degradation products formed depends on the temperature, dwell time, formulation and processing conditions of the product, Thermal decomposition can lead to release of irritating and toxic gases and vapors

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Inhalation	Specific test data for the substance or mixture is not available
Eye contact	Specific test data for the substance or mixture is not available
Skin contact	Specific test data for the substance or mixture is not available
Ingestion	Specific test data for the substance or mixture is not available

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms	No information available
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Numerical measures of toxicity

Acute toxicity

The following values are calculated based on chapter 3.1 of the GHS document

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ATEmix (inhalation-gas)	99,999.00	ppm
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Unknown acute toxicity 0 % of the mixture consists of ingredient(s) of unknown toxicity

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Diarylide Pigment		> 3000 mg/kg (Rat)	> 230 mg/L (Rat) 4 h

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation	No information available
Serious eye damage/eye irritation	No information available
Respiratory or skin sensitization	No information available
Germ cell mutagenicity	No information available
Carcinogenicity	No information available
Reproductive toxicity	No information available
Developmental Toxicity	No information available
Teratogenicity	No information available
STOT - single exposure	No information available
STOT - repeated exposure	No information available
Target organ effects	No information available
Subchronic Toxicity	No information available
Neurological Effects	No information available
Other Adverse Effects	No information available
Aspiration hazard	No information available

12. ECOLOGICAL INFORMATION

Ecotoxicity

Component Information

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Green Pigment		LC50: =752.4mg/L (96h, Lepomis macrochirus)		

Persistence and degradability

No information available

Bioaccumulation

There is no data for this product

Component Information

Chemical name	Partition coefficient
Diarylide Pigment	0.4
Green Pigment	-0.4

Other adverse effects

No information available

13. DISPOSAL CONSIDERATIONS

Waste treatment methods**Waste from residues/unused products**

- Dispose of in accordance with local regulations
- Dispose of waste in accordance with environmental legislation

Contaminated packaging

- Do not reuse empty containers

California Hazardous Waste Status

This product contains one or more substances that are listed with the State of California as a hazardous waste

Component Information

Chemical name	California Hazardous Waste Status
Green Pigment	Toxic

14. TRANSPORT INFORMATION

USDOT**Status**

Not regulated

ICAO (air)

Status Not regulated

IMO

Status Not regulated

15. REGULATORY INFORMATION

International Inventories:

United States: All components of this product are designated as “Active” on the TSCA Inventory or are not required to be listed.

Inventory Note For additional global inventory information, please contact the Product Stewardship Team at regulatory@penncolor.com

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

US Federal Regulations:

CWA (Clean Water Act)

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

Chemical name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Green Pigment		X		

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This

product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories

Acute health hazard	No
Chronic Health Hazard	No
Fire hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals

Note:

This product may contain trace levels of metal impurities that are on the California Proposition 65 list. This product may also contain other substances on the California Prop 65 list at levels below 1000 ppm. For some of these substances, their listings are qualified as specifically relating to airborne, unbound particles of respirable size. If additional information is needed please send a request to regulatory@penncolor.com.

U.S. State Right-to-Know Regulations

US State Regulations

Chemical name	Massachusetts	New Jersey	Pennsylvania	Pennsylvania RTK - Special Hazardous Substances:
Green Pigment		X	X	

16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION

HMIS

Health hazards	0
Flammability	0
Physical hazards	0
PERSONAL PROTECTION:	X

Key literature references and sources for data used to compile the SDS

- Supplier documentation
- Process documentation

Date of document

Origination	02-Jun-2025
Last Regulatory Review	02-Jun-2025
Print Date	02-Jun-2025

Revision Note:

Revision Date	02-Jun-2025
Revision Number	1
Reason for Revision	No information available

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet