



Safety Data Sheet

Material Name: Hedrix Spray Paint

*** Section 1 - Product and Company Identification ***

Manufacturer Information

Hedrix
65 Brown Ave.
Springfield, NJ 070891

Phone: 973-863-2639

Emergency # 1-800-255-3924

*** Section 2 - Hazards Identification ***

GHS Classification:

- Flammable Aerosols - Category 1
- Acute Toxicity Oral - Category 4
- Skin Corrosion/Irritation - Category 2
- Eye Damage/Irritation - Category 2B
- Carcinogenicity - Category 2
- Specific Target Organ Toxicity Single Exposure - Category 3
- Specific Target Organ Toxicity Repeat Exposure - Category 2
- Aspiration Hazard - Category 1
- Hazardous to the Aquatic Environment Acute - Category 3

GHS LABEL ELEMENTS

Symbol(s)



Signal Word

Danger

Hazard Statements

- Extremely flammable aerosol.
- Harmful if swallowed.
- Causes skin and eye irritation.
- Suspected of causing cancer.
- May cause drowsiness or dizziness.
- May cause damage to organs (central nervous system) through prolonged or repeated exposure.
- May be fatal if swallowed and enters airways.
- Harmful to aquatic life.

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Precautionary Statements

Prevention

Keep away from heat/sparks/open flames/hot surfaces. -No smoking.
Do not spray on an open flame or other ignition source.
Pressurized container: Do not pierce or burn, even after use.
Wash thoroughly after handling.
Do not eat, drink or smoke when using this product.
Wear protective gloves/protective clothing/eye protection/face protection.
Do not breathe fume/gas/mist/vapors/spray.
Use only outdoors or in a well-ventilated area.
Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Avoid release to the environment.

Response

If swallowed: Immediately call a poison center/doctor. Do NOT induce vomiting.
If on skin: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.
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/attention.
If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor if you feel unwell.
If exposed or concerned: Get medical advice/attention.

Storage

Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
Store locked up.

Disposal

Dispose of contents/container in accordance with local/regional/national/international regulations.

* * * Section 3 - Composition / Information on Ingredients * * *

CAS #	Component	Percent
67-64-1	Acetone	31.45
8052-41-3	Stoddard solvent	15
13463-67-7	Titanium dioxide	12.5
74-98-6	Propane	11.45
106-97-8	Butane	5.375
64742-47-8	Petroleum distillates, hydrotreated light	5
1333-86-4	Carbon black	2.5
7779-90-0	Trizinc diphosphate	2.5
7631-86-9	Silica, amorphous	2.5
111-76-2	2-Butoxyethanol	1.15
100-41-4	Ethylbenzene	0.25

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*** Section 4 - First Aid Measures ***

First Aid: Eyes

Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing. If symptoms persist, call a physician.

First Aid: Skin

Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. If skin irritation persists, call a physician.

First Aid: Ingestion

Clean mouth with water and afterwards drink plenty of water. Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. Consult a physician.

First Aid: Inhalation

Move to fresh air. If symptoms persist, call a physician. If not breathing, give artificial respiration. Call a physician immediately.

*** Section 5 - Fire Fighting Measures ***

General Fire Hazards

See Section 9 for Flammability Properties.

Extremely flammable aerosol. Keep away from extreme heat and sources of ignition. Closed containers may explode when exposed to extreme heat.

Hazardous Combustion Products

Toxic gases may form when involved in a fire.

Extinguishing Media

Use an extinguishing agent suitable for the surrounding fire.

Unsuitable Extinguishing Media

None.

Fire Fighting Equipment/Instructions

Firefighters should wear full protective gear.

*** Section 6 - Accidental Release Measures ***

Recovery and Neutralization

Prevent further leakage or spillage if safe to do so.

Materials and Methods for Clean-Up

Soak up with inert absorbent material. Pick up and transfer to properly labeled containers. Clean contaminated surface thoroughly.

Emergency Measures

Isolate area. Keep unnecessary personnel away.

Personal Precautions and Protective Equipment

Wear appropriate protective equipment and clothing during clean-up.

Environmental Precautions

Do not allow material to contaminate ground water system. Prevent product from entering drains. Do not flush into surface water or sanitary sewer system.

Prevention of Secondary Hazards

None

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*** Section 7 - Handling and Storage ***

Handling Procedures

Use only in area provided with appropriate exhaust ventilation. Do not breathe vapors or spray mist. Wear personal protective equipment. Take precautionary measures against static discharges. Keep away from open flames, hot surfaces and sources of ignition. Do not spray on open flame or other ignition sources.

Storage Procedures

Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat and ignition sources. Do not pierce or burn containers.

Incompatibilities

Incompatible with strong acids and bases and strong oxidizing agents.

*** Section 8 - Exposure Controls / Personal Protection ***

Component Exposure Limits

Acetone (67-64-1)

ACGIH: 500 ppm TWA
750 ppm STEL
OSHA: 1000 ppm TWA; 2400 mg/m³ TWA
NIOSH: 250 ppm TWA; 590 mg/m³ TWA

Stoddard solvent (8052-41-3)

ACGIH: 100 ppm TWA
OSHA: 500 ppm TWA; 2900 mg/m³ TWA
NIOSH: 350 mg/m³ TWA
1800 mg/m³ Ceiling (15 min)

Titanium dioxide (13463-67-7)

ACGIH: 10 mg/m³ TWA
OSHA: 15 mg/m³ TWA (total dust)

Propane (74-98-6)

ACGIH: 1000 ppm TWA (listed under Aliphatic hydrocarbon gases: Alkane C1-4)
OSHA: 1000 ppm TWA; 1800 mg/m³ TWA
NIOSH: 1000 ppm TWA; 1800 mg/m³ TWA

Butane (106-97-8)

ACGIH: 1000 ppm TWA (listed under Aliphatic hydrocarbon gases: Alkane C1-4)
NIOSH: 800 ppm TWA; 1900 mg/m³ TWA

Silica, amorphous (7631-86-9)

NIOSH: 6 mg/m³ TWA

Carbon black (1333-86-4)

ACGIH: 3 mg/m³ TWA (inhalable fraction)
OSHA: 3.5 mg/m³ TWA
NIOSH: 3.5 mg/m³ TWA; 0.1 mg/m³ TWA (Carbon black in presence of Polycyclic aromatic hydrocarbons, as PAH)

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2-Butoxyethanol (111-76-2)

ACGIH: 20 ppm TWA
OSHA: 50 ppm TWA; 240 mg/m³ TWA
prevent or reduce skin absorption
NIOSH: 5 ppm TWA; 24 mg/m³ TWA
Potential for dermal absorption

Ethylbenzene (100-41-4)

ACGIH: 20 ppm TWA
OSHA: 100 ppm TWA; 435 mg/m³ TWA
NIOSH: 100 ppm TWA; 435 mg/m³ TWA
125 ppm STEL; 545 mg/m³ STEL

Engineering Measures

Ensure adequate ventilation, especially in confined areas.

Personal Protective Equipment: Respiratory

When spraying the product or applying in confined areas, wear a NIOSH approved respirator specified for paint spray or organic vapors.

Personal Protective Equipment: Hands

Use chemical resistant gloves.

Personal Protective Equipment: Eyes

Use safety glasses with side shields.

Personal Protective Equipment: Skin and Body

Normal work clothing (long sleeved shirts and long pants) is recommended.

* * * Section 9 - Physical & Chemical Properties * * *

Appearance:	Aerosol spray paint	Odor:	Petroleum Distillate
Physical State:	Liquid	pH:	Not Determined
Vapor Pressure:	Not Determined	Density:	9.19-10.77
Boiling Point:	-43°F to 340°F (aerosol)	Melting Point:	Not Applicable
Solubility (H₂O):	Not Determined	Specific Gravity:	1.10-1.29
Evaporation Rate:	Not Determined	VOC:	<400 g/L
Octanol/H₂O Coeff.:	Not Determined	Flash Point:	-156°F (aerosol)
Flash Point Method:	Calculated	Upper Flammability Limit (UFL):	1.8
Lower Flammability Limit (LFL):	12.8	Burning Rate:	Not Determined
Auto Ignition:	Not Determined		

* * * Section 10 - Chemical Stability & Reactivity Information * * *

Chemical Stability

This is a stable material.

Hazardous Reaction Potential

Will not occur.

Conditions to Avoid

Keep away from extreme heat and sources of ignition.

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Incompatible Products

Incompatible with strong acids and bases and strong oxidizing agents.

Hazardous Decomposition Products

May product oxides of carbon.

* * * Section 11 - Toxicological Information * * *

Acute Toxicity

Component Analysis - LD50/LC50

Acetone (67-64-1)

Oral LD50 Rat 5800 mg/kg

Titanium dioxide (13463-67-7)

Oral LD50 Rat >10000 mg/kg

Propane (74-98-6)

Inhalation LC50 Rat 658 mg/L 4 h

Butane (106-97-8)

Inhalation LC50 Rat 658 mg/L 4 h

Petroleum distillates, hydrotreated light (64742-47-8)

Inhalation LC50 Rat >5.2 mg/L 4 h; Oral LD50 Rat >5000 mg/kg; Dermal LD50 Rabbit >2000 mg/kg

Silica, amorphous (7631-86-9)

Oral LD50 Rat >5000 mg/kg; Inhalation LC50 Rat >2.2 mg/L 1 h; Dermal LD50 Rabbit >2000 mg/kg

Trizinc diphosphate (7779-90-0)

Oral LD50 Rat >5000 mg/kg

Carbon black (1333-86-4)

Oral LD50 Rat >15400 mg/kg; Dermal LD50 Rabbit >3 g/kg

2-Butoxyethanol (111-76-2)

Inhalation LC50 Rat 2.21 mg/L 4 h; Inhalation LC50 Rat 450 ppm 4 h; Oral LD50 Rat 470 mg/kg; Dermal LD50 Rat 2270 mg/kg; Dermal LD50 Rabbit 220 mg/kg

Ethylbenzene (100-41-4)

Inhalation LC50 Rat 17.2 mg/L 4 h; Oral LD50 Rat 3500 mg/kg; Dermal LD50 Rabbit 15354 mg/kg

Potential Health Effects: Skin Corrosion Property/Stimulativeness

May cause moderate skin irritation. May be harmful if absorbed through the skin. Dryness, itching, cracking, burning, redness, and swelling are conditions associated with excessive skin contact.

Potential Health Effects: Eye Critical Damage/ Stimulativeness

Causes eye irritation.

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Potential Health Effects: Ingestion

Ingestion may cause irritation to mucous membranes.

Potential Health Effects: Inhalation

High vapor / aerosol concentrations are irritating to the eyes, nose, throat and lungs and may cause headaches, dizziness, drowsiness, unconsciousness, and other central nervous system effects.

Respiratory Organs Sensitization/Skin Sensitization

This product is not reported to have any sensitization effects.

Generative Cell Mutagenicity

This product is not reported to have any mutagenic effects.

Carcinogenicity

A: General Product Information

Suspected of causing cancer.

B: Component Carcinogenicity

Acetone (67-64-1)

ACGIH: A4 - Not Classifiable as a Human Carcinogen

Titanium dioxide (13463-67-7)

ACGIH: A4 - Not Classifiable as a Human Carcinogen

NIOSH: potential occupational carcinogen

IARC: Monograph 93 [2010]; Monograph 47 [1989] (Group 2B (possibly carcinogenic to humans))

Silica, amorphous (7631-86-9)

IARC: Monograph 68 [1997]; Supplement 7 [1987] (Group 3 (not classifiable))

Carbon black (1333-86-4)

ACGIH: A3 - Confirmed Animal Carcinogen with Unknown Relevance to Humans

NIOSH: potential occupational carcinogen

IARC: Monograph 93 [2010]; Monograph 65 [1996] (Group 2B (possibly carcinogenic to humans))

2-Butoxyethanol (111-76-2)

ACGIH: A3 - Confirmed Animal Carcinogen with Unknown Relevance to Humans

IARC: Monograph 88 [2006] (Group 3 (not classifiable))

Ethylbenzene (100-41-4)

ACGIH: A3 - Confirmed Animal Carcinogen with Unknown Relevance to Humans

IARC: Monograph 77 [2000] (Group 2B (possibly carcinogenic to humans))

Reproductive Toxicity

This product is not reported to have any reproductive toxicity effects.

Specified Target Organ General Toxicity: Single Exposure

High vapor concentrations may cause headaches, dizziness, drowsiness, unconsciousness and other central nervous system effects.

Specified Target Organ General Toxicity: Repeated Exposure

Repeated or prolonged exposure to organic solvents may lead to permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling vapors may be harmful or fatal.

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Aspiration Respiratory Organs Hazard

Small amounts of this product aspirated into the respiratory system during ingestion or vomiting may cause mild to severe pulmonary injury, possibly progressing to death.

*** Section 12 - Ecological Information ***

Ecotoxicity

A: General Product Information

Harmful to aquatic life.

B: Component Analysis - Ecotoxicity - Aquatic Toxicity

Acetone (67-64-1)

Test & Species

	Conditions
96 Hr LC50 Oncorhynchus mykiss	4.74 - 6.33 mL/L
96 Hr LC50 Pimephales promelas	6210 - 8120 mg/L [static]
96 Hr LC50 Lepomis macrochirus	8300 mg/L
48 Hr EC50 Daphnia magna	10294 - 17704 mg/L [Static]
48 Hr EC50 Daphnia magna	12600 - 12700 mg/L

Petroleum distillates, hydrotreated light (64742-47-8)

Test & Species

	Conditions
96 Hr LC50 Pimephales promelas	45 mg/L [flow-through]
96 Hr LC50 Lepomis macrochirus	2.2 mg/L [static]
96 Hr LC50 Oncorhynchus mykiss	2.4 mg/L [static]
96 Hr LC50 Den-dronereides heteropoda	4720 mg/L

Silica, amorphous (7631-86-9)

Test & Species

	Conditions
96 Hr LC50 Brachydanio rerio	5000 mg/L [static]
72 Hr EC50 Pseudokirchneriella subcapitata	440 mg/L
48 Hr EC50 Ceriodaphnia dubia	7600 mg/L

Carbon black (1333-86-4)

Test & Species

	Conditions
24 Hr EC50 Daphnia magna	>5600 mg/L

2-Butoxyethanol (111-76-2)

Test & Species

	Conditions
96 Hr LC50 Lepomis macrochirus	1490 mg/L [static]
96 Hr LC50 Lepomis macrochirus	2950 mg/L
24 Hr EC50 Daphnia magna	1698 - 1940 mg/L
48 Hr EC50 Daphnia magna	>1000 mg/L

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Ethylbenzene (100-41-4)

Test & Species

Conditions

96 Hr LC50 Oncorhynchus mykiss	11.0-18.0 mg/L [static]
96 Hr LC50 Oncorhynchus mykiss	4.2 mg/L [semi- static]
96 Hr LC50 Pimephales promelas	7.55-11 mg/L [flow- through]
96 Hr LC50 Lepomis macrochirus	32 mg/L [static]
96 Hr LC50 Pimephales promelas	9.1-15.6 mg/L [static]
96 Hr LC50 Poecilia reticulata	9.6 mg/L [static]
72 Hr EC50 Pseudokirchneriella subcapitata	4.6 mg/L
96 Hr EC50 Pseudokirchneriella subcapitata	>438 mg/L
72 Hr EC50 Pseudokirchneriella subcapitata	2.6 - 11.3 mg/L [static]
96 Hr EC50 Pseudokirchneriella subcapitata	1.7 - 7.6 mg/L [static]
48 Hr EC50 Daphnia magna	1.8 - 2.4 mg/L

Persistence/Degradability

No information available for the product.

Bioaccumulation

No information available for the product.

Mobility in Soil

No information available for the product.

* * * Section 13 - Disposal Considerations * * *

Waste Disposal Instructions

See Section 7 for Handling Procedures. See Section 8 for Personal Protective Equipment recommendations.

Disposal of Contaminated Containers or Packaging

Dispose of contents/container in accordance with local/regional/national/international regulations.

* * * Section 14 - Transportation Information * * *

DOT Information

Shipping Name: Aerosols, flammable

UN #: 1950 **Hazard Class:** 2.1

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*** Section 15 - Regulatory Information ***

Regulatory Information

US Federal Regulations

Component Analysis

This material contains one or more of the following chemicals required to be identified under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65) and/or CERCLA (40 CFR 302.4).

Acetone (67-64-1)

CERCLA: 5000 lb final RQ; 2270 kg final RQ

Ethylbenzene (100-41-4)

SARA 313: 0.1 % de minimis concentration

CERCLA: 1000 lb final RQ; 454 kg final RQ

State Regulations

Component Analysis - State

The following components appear on one or more of the following state hazardous substances lists:

Component	CAS	CA	MA	MN	NJ	PA	RI
Acetone	67-64-1	Yes	Yes	Yes	Yes	Yes	No
Stoddard solvent	8052-41-3	Yes	Yes	Yes	Yes	Yes	No
Titanium dioxide	13463-67-7	No	Yes	Yes	Yes	Yes	No
Propane	74-98-6	No	Yes	Yes	Yes	Yes	No
Butane	106-97-8	Yes	Yes	Yes	Yes	Yes	No
Silica, amorphous	7631-86-9	Yes	Yes	Yes	Yes	Yes	No
Carbon black	1333-86-4	Yes	Yes	Yes	Yes	Yes	No
2-Butoxyethanol	111-76-2	Yes	Yes	Yes	Yes	Yes	No
Ethylbenzene	100-41-4	Yes	Yes	Yes	Yes	Yes	No

The following statement(s) are provided under the California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65):

WARNING! This product contains a chemical known to the state of California to cause cancer.

Component Analysis - WHMIS IDL

The following components are identified under the Canadian Hazardous Products Act Ingredient Disclosure List:

Component	CAS #	Minimum Concentration
Acetone	67-64-1	1 %
Stoddard solvent	8052-41-3	1 %
Butane	106-97-8	1 %
Silica, amorphous	7631-86-9	1 %
Carbon black	1333-86-4	1 %
2-Butoxyethanol	111-76-2	1 %
Ethylbenzene	100-41-4	0.1 %

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Additional Regulatory Information

Component Analysis - Inventory

Component	CAS #	TSCA	CAN	EEC
Acetone	67-64-1	Yes	DSL	EINECS
Stoddard solvent	8052-41-3	Yes	DSL	EINECS
Titanium dioxide	13463-67-7	Yes	DSL	EINECS
Propane	74-98-6	Yes	DSL	EINECS
Butane	106-97-8	Yes	DSL	EINECS
Petroleum distillates, hydrotreated light	64742-47-8	Yes	DSL	EINECS
Silica, amorphous	7631-86-9	Yes	DSL	EINECS
Trizinc diphosphate	7779-90-0	Yes	DSL	EINECS
Carbon black	1333-86-4	Yes	DSL	EINECS
2-Butoxyethanol	111-76-2	Yes	DSL	EINECS
Ethylbenzene	100-41-4	Yes	DSL	EINECS

*** Section 16 - Other Information ***

Key/Legend

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.

Literature References

None

End of Sheet