

Safety Data Sheet

SECTION 1: IDENTIFICATION

Product Identifier Used on Label: Water-Based Pre-Catalyzed Epoxy Semi-Gloss Finish
DEEP BASE

Synonyms: 9693

Details of the Manufacturer:

Hirshfield's Paint Manufacturing
4450 Lyndale Avenue North
Minneapolis, MN 55412
612-522-6621

Emergency Contact: INFOTRAC 1-800-535-5053

Recommended Use: Apply to recommended surfaces following product instructions presented on the label.

SECTION 2: HAZARD IDENTIFICATION

This material is considered hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29CFR1910.1200.

Classification of the mixture:

Eye damage/irritation: Category 2B

Carcinogenicity: Category 2

Label Elements:

Pictogram:



Signal word: Warning

Hazard statements:

Causes eye irritation.
Suspected of causing cancer.

Precautionary statements:

Prevention: Wash hands thoroughly after handling. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves/protective clothing/eye protection/face protection.

Response: 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. If exposed or concerned: get medical advice.

Storage: Store locked up.

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

Percentage of mixture consisting of ingredient(s) of unknown acute toxicity: 0.9%.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name & Synonym	CAS Number	Content (W/W)
Titanium dioxide	13463-67-7	7.6%
All other ingredients below their cut-off limits		

SECTION 4: FIRST-AID MEASURES

Description of first-aid measures

If Inhaled: Move person to fresh air.

If on skin: Wash with plenty of soap and water.

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.

If ingested: Rinse mouth. Seek medical attention.

Most important symptoms/effects, both acute and delayed: skin irritation and eye irritation. Additional important symptoms and effects are described in Section 11: Toxicology Information.

Indication of immediate medical attention and special treatment needed when necessary

Notes to physician: No further relevant information available.

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing Media: Water spray jet, extinguishing powder, CO₂, foam.

Specific hazards arising from the mixture:

Hazardous combustion products: Carbon monoxide, carbon dioxide, nitrogen oxides (NO_x), sulphur dioxide (SO₂).

Special protective actions for fire-fighters

Protective equipment: Wear protective clothing and self-contained respiratory protective device (SCBA).

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment, and emergency procedures:

Wear protective clothing including safety glasses/eye shields. Keep unprotected people away.

Environmental precautions: Contain all spills. Keep out of sewer, streams, lakes, and other groundwaters.

Methods and material for containment and cleaning up: Contain all spills. Solidify with absorbent materials such as diatomaceous earth, clay, or vermiculite. Collect into suitable containers and dispose of properly. See Section 13: Disposal considerations.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling: Use appropriate personal protective equipment. See Section 8: Exposure controls/personal protection. If contacted on skin, wash affected area.

Conditions for safe storage: Keep container tightly closed when not in use. Keep from freezing. Store upright in original container protected from sunlight. Store locked up.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters: Exposure limit data for the product is not available.

Control parameters for components:

Component	CAS #	Type	Value	Regulation
Titanium dioxide	13463-67-7	PEL	15 mg/m ³	OSHA Table Z-1
Titanium dioxide	13463-67-7	TWA	10 mg/m ³	ACGIH

Appropriate engineering controls: Use local exhaust ventilation when product is used in a confined area to keep worker exposure below regulatory limits.

Individual protection measures:

Eye/face protection: Wear safety glasses with side shields.

Skin protection: Use protective clothing chemically resistant to this material.

Hand protection: Use gloves chemically resistant to the product when prolonged or frequent repeated contact could occur. Examples of preferred glove materials include: Natural rubber (“latex”), neoprene, nitrile/butadiene rubber (“nitrile” or “NBR”), polyethylene, ethyl vinyl alcohol laminate (“EVAL”), polyvinyl chloride (“PVC” or “vinyl”). The selection of a specific glove should also take into account other work to be performed with the glove, potential body reactions to glove material, and specifications/instructions by the glove manufacturer.

Respiratory protection: If local exhaust or other engineering controls are not used, use a properly fitted NIOSH approved mask.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	White liquid
Upper/lower flammability or explosive limits	no data available
Odor	Mild latex
Odor threshold	no data available
pH	9.0
Melting point/freezing point	0 °C (32 °F) water
Initial boiling point and boiling range	100 °C (212 °F) water
Flash point	>93 °C (199 °F)
Evaporation rate (butyl acetate=1)	<1.00, water
Flammability	no data available
Upper/lower flammability or explosive limits	no data available
Vapor pressure	no data available
Vapor density	no data available
Relative density	1.1
Solubility(ies)	no data available
Partition coefficient: n-octanol/water	no data available
Auto-ignition temperature	no data available
Decomposition temperature	no data available
Viscosity	108 KU

SECTION 10: STABILITY AND REACTIVITY

Reactivity

Not reactive under recommended conditions of storage and handling.

Chemical stability

Stable under normal ambient temperature and conditions while in storage and being handled.

Possibility of hazardous reactions: None known. Product will not undergo hazardous polymerization.

Conditions to avoid: Excessive heat which may cause container to rupture.

Incompatible materials: There are no known materials that are incompatible with this product.

Hazardous decomposition materials: Thermal decomposition may yield monomers, carbon monoxide, carbon dioxide, nitrogen oxides (NO_x), and sulphur dioxide (SO₂).

SECTION 11: TOXICOLOGICAL INFORMATION

Toxicological information on the components of this product appears in this section when such data is available.

Toxicological Information on product:

Acute toxicity: No data available. Based on ingredients and their concentrations in the product, the product is not classified as acutely toxic.

Skin corrosion/irritation: No data available. Based on ingredients and their concentrations in the product, the product is not classified for skin corrosion/irritation.

Serious eye damage/irritation: No data available. Based on ingredients and their concentrations in the product, the product is classified as Category 2B: causes eye irritation.

Respiratory or skin sensitization: No data available. Based on ingredients and their concentrations in the product, the product is not classified for respiratory or skin sensitization.

Germ cell mutagenicity: No data available. Based on ingredients and their concentrations in the product, the product is not classified for germ cell mutagenicity.

Carcinogenicity: No data available. Based on ingredients and their concentrations in the product, the product is classified as Category 2: suspected of causing cancer.

IARC: Titanium dioxide: Group 2B possibly carcinogenic to humans.

Reproductive toxicity: No data available. Based on ingredients and their concentrations in the product, the product is not classified for reproductive toxicity.

Specific Target Organ Toxicity (STOT)-single exposure: No data available. Based on ingredients and their concentrations in the product, the product not classified for STOT- single exposure.

Specific Target Organ Toxicity (STOT)-repeated exposure: No data available. Based on ingredients and their concentrations in the product, the product is not classified for STOT- repeated exposure.

Aspiration hazard: No data available. Based on ingredients, their concentrations in the product, and the viscosity of the product, the product is not classified as an aspiration hazard.

Likely routes of exposure and effects of that exposure

Inhalation: No data available.

Ingestion: No data available.

Skin contact: No data available.

Eye contact: No data available. Based on ingredients and their concentrations in the product, the product causes eye irritation.

Additional information: No data are available for this material. The information shown is based on the profiles of the ingredients and their concentrations in the product.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicological information on this product appears in this section when such data is available.

Toxicity: No data available.

Persistence and degradability: No data available.

Bioaccumulative potential: No data available.

Mobility in soil: No data available.

Other adverse effects: No data available.

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal methods: DO NOT DUMP IN ANY SEWERS, ON THE GROUND, OR INTO ANY BODY OF WATER. All disposal practices must be in compliance with all Federal, State, and local laws and regulations. Wear proper protective equipment. See Section 8: Exposure controls/personal protection.

SECTION 14: TRANSPORT INFORMATION

DOT Classification: Not classified

UN proper shipping name: Not regulated

UN Code: Not regulated.

UN Transport hazard class: Not classified

Packing group number: Not regulated

SECTION 15: REGULATORY INFORMATION

OSHA Hazard Communication Standard: This product is considered hazardous under OSHA Hazard Communication Standard (29CFR1910.1200).

Superfund Amendments and Reauthorization Act of 1986 Title III (Emergency Planning and Community Right-to Know Act of 1986,) Sections 313 (SARA 313):

Components: none

TSCA Inventory (TSCA): All components of this product are in compliance with the inventory listing requirements of the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

SECTION 16: OTHER INFORMATION

Hazard Rating System:

HMIS

Health	Flammability	Reactivity	PPE
1	0	0	B

SDS preparation date or last revision date: May 26, 2016.

Other useful information:

List of Acronyms:

STEL is Short Term Exposure Limit

TWA is Time Weighted Average

US WEEL is USA Workplace Environmental Exposure Level

Disclaimer:

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