

Safety Data Sheet

SECTION 1: IDENTIFICATION

Product Identifier Used on Label: AP-20 Acrylic Polyurethane Satin Finish White Base.

Synonyms: 9490

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:

- Skin corrosion/irritation:** Category 2
- Serious eye damage/irritation:** Category 2A
- Carcinogenicity:** Category 2
- Reproductive toxicity:** Category 1B

GHS Label Elements:

Pictograms:



Signal word: Danger

Hazard statements:

- Causes skin irritation.
- Causes serious eye irritation.
- Suspected of causing cancer.
- May damage fertility or the unborn child.

Precautionary statements:

Prevention:

Wash affected areas thoroughly after handling. Wear protective gloves. Wash hands thoroughly after handling. Wear eye protection/face protection. 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 ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice. 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. 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: 0.5%.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name & Synonym	CAS Number	Content (W/W)
Urethane hybrid polymer	Mixture	49.1%
Titanium dioxide	13463-67-7	23.4%
N-Methyl Pyrrolidone	872-50-4	2.8%
Triethylamine	121-44-8	0.6%
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: If on skin, wash with plenty of 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: serious 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. See Section 2 on prevention and response information.

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

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
Triethylamine	121-44-8	TWA	1 ppm	ACGIH
Triethylamine	121-44-8	STEL	3 ppm	ACGIH
Triethylamine	121-44-8	PEL	25 ppm	OSHA Z1
Triethylamine	121-44-8	TWA	10 ppm	OSHA Z1A
Triethylamine	121-44-8	STEL	15 ppm	OSHA Z1A

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: When prolonged or frequent repeated contact could occur, 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, 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	Slight latex
Odor threshold	no data available
pH	9.0
Melting pint/freezing point	0 °C (32 °F) water
Initial boiling point and boiling range	100 °C (212 °F) water
Flash point	>93 °C
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	1.3
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	100 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 the closed 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.

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 classified as Category 2: causes skin irritation.

Serious eye damage/irritation: No data available. Based on ingredients and their concentrations in the product, the product is classified as Category 2A: causes serious 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 classified as Category 1B: may damage fertility or the unborn child.

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

Aspiration hazard: No data available. Based on ingredients and 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. Based on ingredients and their concentrations in the product, the product causes skin irritation.

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

Additional information: No data are available for this mixture. 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 or its components 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: 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: August 29, 2016.

Disclaimer:

The information in this SDS was obtained from sources that we believe are reliable. However, the information is provided without any representation or warranty, expressed or implied, regarding its accuracy or completeness. The conditions of handling, storage, use and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of this product. Disposal of containers should be in accordance with applicable federal, state and local laws and regulations.