



HAWK RESEARCH LABORATORIES, LLC.
High Performance Coating Systems

SAFETY DATA SHEET

SECTION 1: IDENTIFICATION

Product Name: Isofree Plus™ Lo Custom Color Resin

Product Code: 65HC01Lo, 65HC04Lo

Company Identification:
Hawk Research Laboratories, LLC.
7150 Capitol Drive
Wheeling, IL 60090
Telephone: 630.227.0050
Email: info@hawklabs.com

24 Hour Transportation Emergency:
ChemTel: 800.255.3924 (US and Canada)
Contract Number: MIS0002644
Outside US and Canada
ChemTel: 011.1.813.248.0585

Recommended use of the chemical and restrictions of use:

Because many of the conditions are within the user's knowledge and control, it is essential that the user evaluate and determine whether the product is suitable and appropriate for an intended application, and complies with all local applicable laws, regulations, standards, and guidance.

SECTION 2: HAZARDS IDENTIFICATION

GHS RATINGS:

CLASSIFICATION	CATEGORY	HAZARD STATEMENT
Flammable Liquids	3	H226: Flammable liquid and vapor
Aspiration Hazard	1	H304: May be fatal if swallowed and enters airways
Skin Corrosion	2	H315: Causes skin irritation
Eye Damage	1	H318: Causes serious eye damage
Acute Toxicity: Inhalation	4	H332: Harmful if inhaled
Specific Target Organ Toxicity: Single Exposure	3	H335: May cause respiratory irritation
Carcinogenicity	2	H351: Suspected of causing cancer
Specific Target Organ Toxicity: Repeated Exposure	2	H373: May cause damage to organs through prolonged or repeated exposure

Hazard Symbols (Pictograms):



Signal Word: DANGER

Precautionary Statements:

Prevention:

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233: Keep container tightly closed.



P240: Ground and bond container and receiving equipment.
P241: Use explosion-proof [electrical, ventilating, lighting] equipment.
P242: Use only non-sparking tools.
P243: Take action to prevent static discharges.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P264: Wash thoroughly after handling.
P261: Avoid breathing dust/fume/gas/mist/vapors/spray.
P271: Use only outdoors or in a well-ventilated area.
P201: Obtain special instructions before use.
P202: Do not handle until all safety precautions have been read and understood.
P260: Do not breathe dust/fume/gas/mist/vapors/spray.

Response:

P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P370+P378: In case of fire: Use water fog, foam, dry chemical, or carbon dioxide to extinguish.
P301+P310: IF SWALLOWED: Immediately call a POISON CENTER/doctor.
P331: Do NOT induce vomiting.
P302+P352: IF ON SKIN: Wash with plenty of water.
P332+P313: If skin irritation occurs: Get medical advice/attention.
P362+P364: Take off contaminated clothing and wash it before reuse.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310: Immediately call a POISON CENTER/doctor.
P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P312: Call a POISON CENTER/doctor if you feel unwell.
P308+P313: IF exposed or concerned: Get medical advice/attention.
P314: Get medical advice/attention if you feel unwell.

Storage:

P403+P235: Store in a well-ventilated place. Keep cool.
P403+P233: Store in a well-ventilated place. Keep container tightly closed.
P405: Store locked up.

Disposal:

P501: Dispose of contents/container to an approved waste disposal plant.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	Weight %
Titanium Dioxide	13463-67-7	20-30
Proprietary Ingredient 1	Proprietary	10-20
Proprietary Ingredient 2	Proprietary	10-20
Proprietary Ingredient 3	Proprietary	5-10
Proprietary Ingredient 4	Proprietary	5-10
Ethylbenzene	100-41-4	2.5-10
Proprietary Ingredient 5	Proprietary	1-5

The exact percentage is withheld as trade secret. Other components are below reportable levels or are non-hazardous.



SECTION 4: FIRST AID MEASURES

- Inhalation:** Remove to fresh air. If breathing is difficult, give oxygen. If not breathing, begin CPR.
- Eye Contact:** Immediately flush eyes with plenty of water for at least 15 minutes, also under eyelids. If irritation develops or persists, seek medical attention.
- Skin Contact:** Immediately remove contaminated clothing and shoes. Wash affected area with plenty of soap and water. Launder clothing prior to reuse. If symptoms occur, seek medical attention.
- Ingestion:** Do not induce vomiting. Call a physician/poison control center immediately for further instructions. Never give anything by mouth to an unconscious person. Rinse out mouth with water. Get medical attention immediately.

Most Important Symptoms/Effects, Acute and Delayed:

Aside from the information found under the First Aid Measures (above) and special treatment needed (below), any additional important symptoms and effects are described in Section 11: Toxicological Information

Indication of Immediate Medical Attention and Special Treatment Needed:

Notes to Physician: Treat symptomatically. No specific antidote available.

SECTION 5: FIREFIGHTING MEASURES

- Suitable Extinguishing Media:** Water fog, foam, dry chemical, or carbon dioxide
- Specific Hazards Arising from the Chemical:** Flammable liquid and vapor. Keep container tightly closed. Isolate the product from heat, electrical equipment, sparks, open flame.
- Special Protection Actions for Firefighters:** Wear self-contained breathing apparatus equipped with full face piece and operated in a pressure demand mode. Fog nozzles are preferred.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures:

Immediately turn off or isolate any sources of ignition (pilot lights, electrical equipment, flames, heaters, etc.). Evacuate area and ventilate.

Environmental Precautions:

Do not allow to enter drains or sewers. All disposal must comply with federal, state, and local regulations. The material, if discarded or spill, may be a regulated waste. Refer to state and local regulations. Department of Transportation (DOT) regulations may apply for transporting this material when spilled. See Section 14.

CAUTION: If spilled material is cleaned up using a regulated solvent, the resulting waste mixture will also be regulated.

Methods and Materials for Containment and Cleaning Up:

Personnel wearing proper protective equipment should contain spill immediately with inert materials (sand, earth, chemical spill pads of cotton) by forming dikes. Dikes should be placed to contain spill in a manner that



will prevent material from entering sewers and waterways. Large spills, once contained, may be picked up using explosion-proof, non-sparking vacuum pumps, shovels, or buckets, and disposed of in suitable containers. If a large spill occurs, notify the appropriate authorities. In case of spill or accident, contact CHEMTEL at 800.255.3924.

SECTION 7: HANDLING AND STORAGE

Precautions for Safe Handling:

Open containers carefully and in a well-ventilated area, using appropriate respiratory protection. Wash hands thoroughly after handling. Keep containers closed when not in use. Do not transfer to unmarked containers. Empty containers may contain product residue which may exhibit hazardous properties; therefore, do not pressurize, cut, glaze, weld or use for any other purpose.

Conditions for Safe Storage:

Store in a cool, dry, well-ventilated area. Keep containers tightly closed and store away from heat, sparks, open flame, or oxidizing materials. Extended storage at excessive temperatures may produce odorous and toxic fumes from product decomposition.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters:

Chemical Name	Value/Notation
Titanium Dioxide	ACGIH: 10 mg/m ³ (TWA)
Proprietary Ingredient 1	ACGIH: 100 ppm (TWA)
Proprietary Ingredient 2	ACGIH: 150 ppm (TWA)
Proprietary Ingredient 3	ACGIH: 20 ppm (TWA)
Proprietary Ingredient 4	ACGIH: 50 ppm (TWA)
Ethylbenzene	ACGIH: 20 ppm (TWA)
Proprietary Ingredient 5	ACGIH: 50 ppm (TWA)

Appropriate Engineering Controls:

Avoid creating dust or mist. Local exhaust ventilation, process enclosures, or other engineering controls are required when handling or using this product to avoid overexposure. Use explosion-proof ventilation equipment. Do not use in closed and confined spaces. Keep all levels below exposure limits. Perform regular monitoring to ensure exposure limits are not exceeded.

Personal Protective Equipment (PPE):

Respiratory Protection:

Do not breathe vapors. When concentrations exceed the established limits, wear an appropriate, properly fitted respirator (NIOSH/MSHA) until vapors are exhausted. Observe OSHA standard 29 CFR 1910.134 and ANSI Z88.2 requirements whenever workplace conditions require a respirator's use.

Hand Protection:

Wear appropriate protective gloves and clothing to prevent skin exposure. Gloves must be inspected prior to use. Use proper glove removal technique (without touching gloves' outer surface) to avoid skin contact with the product.



Eye Protection:

Use safety eyewear with splash guards and side shields. Use additional eye protection, such as chemical safety goggles when the possibility for eye contact from splashing, spraying liquid, or airborne material exists.

Skin Protection:

Avoid contact with this product. Wear appropriate protective gloves and clothing to prevent skin exposure. Use proper glove and clothing remove techniques to avoid skin contact with this product. When handling large quantities, eye wash stations and deluge showers should be available.

Hygiene Measures:

General:

When using this product, do not eat or drink. Wash hands with soap and water before breaks and at the end of each workday.

Contaminated Equipment:

Avoid contact with contaminated clothing and protective clothing. Wash before reuse.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:

Physical State/Color:	Viscous liquid/white
Odor:	Aromatic
Odor Threshold:	Not determined
pH:	Not applicable
Freezing Point:	Not determined
Boiling Point:	>133°F
Flash Point:	25°C
Evaporation Rate:	Not determined
Flammability (solid, gas):	Not applicable
Lower and Upper Explosive Limits:	1.1, 12.8
Vapor Pressure:	Not determined
Vapor Density:	Not determined
Relative Density:	1.09
Solubility:	Insoluble
Partition Coefficient: n-octanol/water	Not determined
Auto-ignition Temperature:	Not determined
Decomposition Temperature:	Not determined
Viscosity:	Not determined

SECTION 10: STABILITY AND REACTIVITY

Reactivity:	No data available
Chemical Stability:	Stable
Possibility of Hazardous Reaction:	Hazardous polymerization will not occur
Conditions to Avoid:	Avoid excessive heat
Incompatible Materials:	Strong acids, bases, strong oxidizers, and amines



Hazardous Decomposition Products: Thermal decomposition may produce smoke, carbon monoxide, carbon dioxide, aldehydes

SECTION 11: TOXICOLOGICAL INFORMATION

Acute Toxicity:

Acute Oral Toxicity: No data available
Acute Dermal Toxicity: Causes skin irritation
Acute Inhalation Toxicity: Harmful if inhaled

Skin Corrosion/Irritation: Causes skin irritation

Serious Eye Damage/ Causes serious eye damage
Eye Irritation:

Respiratory or Skin Sensitization: May cause respiratory irritation

Germ Cell Mutagenicity: No data available

Carcinogenicity: The following chemical(s) comprise 0.1% or more of this mixture and are listed and/or classified as carcinogens or potential carcinogens by NTP, IARC, OSHA (mandatory listing), or ACGIH (optional listing):

CAS Number	Chemical Name	Carcinogen Rating
13463-67-7	Titanium Dioxide	IARC: Possible human carcinogen
100-41-4	Ethylbenzene	IARC: Possible human carcinogen

Reproductive Toxicity: No data available

Specific Target Organ Systemic Toxicity: May cause damage to organs through prolonged or repeated exposure

Aspiration Hazard: May be fatal if swallowed and enters airways

SECTION 12: ECOLOGICAL INFORMATION

TOXICITY

Component Ecotoxicity:

No data available

Persistence and Degradability: No data available

Bioaccumulative Potential: No data available

Mobility in Soil: No data available



SECTION 13: DISPOSAL CONSIDERATIONS

Do not discharge product into sewer system. Dispose of in a licensed facility. Waste management should be in full compliance with federal, state, and local laws.

The transportation, storage, treatment and disposal of RCRA waste material must be conducted in compliance with 40 CFR 262, 263, 264, 268, and 270. Chemical additions, processing, and otherwise altering this material, may make the waste management information presented in this SDS incomplete, inaccurate, or otherwise inappropriate.

SECTION 14: TRANSPORT INFORMATION

Shipping Information
UN1263 Paint Related Material Class 3 PGIII

This information is not intended to cover all specific regulatory or operational requirements relating to this product. Transportation classifications may vary by container volume and may be influenced by country regulations. Additional transportation information can be obtained through a customer service representative.

SECTION 15: REGULATORY INFORMATION

Toxic Substances Control Act (TSCA): All substances in this product are listed in the TSCA Chemical Substance Inventory.

State of California Safe Drinking Water and Toxic Enforcement Act of 1986 (Prop 65):

WARNING: This product contains the following substances known to the State of California to cause cancer, birth defects or other reproductive harm.

13463-67-7	Titanium Dioxide
100-41-4	Ethylbenzene

Clean Air Act, Section 112, Hazardous Air Pollutants (HAPs) (see 40 CFR 61)

1330-20-7	Xylene
100-41-4	Ethylbenzene

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

This product contains the following chemicals, which are subject to the reporting requirements of the Act, and Title 40 CFR 372:

1330-20-7	Xylene
71-36-3	n-Butanol
100-41-4	Ethylbenzene

SECTION 16: OTHER INFORMATION

Although the information and recommendations set forth herein (hereinafter "information") are presented in good faith and believed to be correct as of the date hereof, Hawk Research Laboratories, LLC (Seller) makes no



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