

SAFETY DATA SHEETS

AMERIPOLISH SURELOCK DYE

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Ameripolish Surelock Dye
MANUFACTURER: Incredible Products LLC. ADDRESS: 1101 Lincoln Ave, Wapakoneta, OH 45895
INFORMATION PHONE: 567-297-3700 EMERGENCY PHONE: 800-424-9300

SECTION 2: HAZARDOUS IDENTIFICATION

Classification:

Skin Irritation - Category 2
Eye Irritation - Category 2A
Respiratory Sensitizer (Solid/Liquid) - Category 3
Skin Sensitizer - Category 1
Carcinogenicity - Category 2

Pictograms:



Signal Word:

Warning

Hazardous Statements - Health:

H319 - May cause eye irritation
H315 - May cause skin irritation
H317 - May cause an allergic skin reaction
H335 - May be harmful if inhaled

Precautionary Statements - General:

P101 - If medical advice is needed, have product container or label at hand.
P102 - Keep out of reach of children.
P103 - Read label before use.

Precautionary Statements - Prevention:

P210 - Keep away from heat/sparks/open flames/hot surfaces.
P264 - Wash thoroughly after handling.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.
P284 - <In case of inadequate ventilation> wear respiratory protection.
P272 - Contaminated work clothing should not be allowed out of the workplace.
P201 - Obtain special instructions before use.
P202 - Do not handle until all safety precautions have been read and understood.

Precautionary Statements - Response:

P332 + P313 - If skin irritation occurs: Get medical advice/attention.
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313 - If eye irritation persists: Get medical advice/attention.
P304 + P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P342 + P311 - If experiencing respiratory symptoms: Call a POISON CENTER/doctor.
P302 + P352 - IF ON SKIN: Wash with plenty of water.
P333 + P313 - If skin irritation or a rash occurs: Get medical advice/attention.
P321 - Specific treatment (see section 4 on this SDS).
P362 + P364 - Take off contaminated clothing. And wash it before reuse.
P308 + P313 - IF exposed or concerned: Get medical advice/attention.

Precautionary Statements - Storage:

P405 - Store locked up.

Precautionary Statements - Disposal:

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

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT	CAS NO.	%
Proprietary Chromium- and Copper-Based Pigments	Trade Secret	10-30
Proprietary Glycol	Trade Secret	15-40
Proprietary Dispersal Compound	Trade Secret	30-60
Proprietary UV-absorbing monomer or polymer	Trade Secret	0-1
Other components	Trade Secret	Balance

SECTION 2 NOTES: *Indicates toxic chemical(s) subject to reporting requirements of section 313 of Title III and of 40 CFR 372.

SECTION 4: FIRST AID MEASURES

Inhalation:

Remove source of exposure or move person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: Call a POISON CENTER/doctor. If breathing is difficult, trained personnel should administer emergency oxygen if advised to do so by the POISON CENTER/doctor. If exposed/feel unwell/concerned: Call a POISON CENTER/doctor.

Skin Contact:

Take off contaminated clothing, shoes and leather goods (e.g. watchbands, belts). Gently blot or brush away excess product. Wash with plenty of lukewarm, gently flowing water for a duration of 15-20 minutes. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before re-use or discard.

IF exposed or concerned: Get medical advice/attention.

Eye Contact:

Remove source of exposure or move person to fresh air. Rinse eyes cautiously with lukewarm, gently flowing water for several minutes, while holding the eyelids open. Remove contact lenses, if present and easy to do. Continue rinsing for a duration of 15-20 minutes. Take care not to rinse contaminated water into the unaffected eye or onto the face. If eye irritation persists: Get medical advice/attention.

Avoid direct contact. Wear chemical protective gloves, if necessary.

Ingestion:

Immediately call a POISON CENTER/doctor. Do NOT induce vomiting. If vomiting occurs naturally, lie on your side, in the recovery position. Give 1 or 2 glasses of milk or water to drink and refer person to medical personnel. Do not give anything by mouth to an unconscious person.

IF exposed or concerned: Get medical advice/attention.

SECTION 5: FIRE FIGHTING MEASURES

Suitable Extinguishing Media:

Dry chemical, foam, carbon dioxide water spray or fog is recommended. Water spray is recommended to cool or protect exposed materials or structures. Carbon dioxide can displace oxygen. Use caution when applying carbon dioxide in confined spaces. Simultaneous use of foam and water on the same surface is to be avoided as water destroys the foam. Sand or earth may be used for small fires only.

Unsuitable Extinguishing Media:

If water is used, use very large quantities of cold water. The reaction between water and hot isocyanate may be vigorous.

Water and foam may cause violent frothing and possibly endanger the life of the fire fighter.

Specific Hazards in Case of Fire:

Water contamination will produce carbon dioxide. Do not reseal contaminated containers as pressure buildup may rupture them.

Excessive pressure or temperature may cause explosive rupture of containers.

Exposure to vapors of heated isocyanates can be extremely dangerous.

Fire-fighting Procedures:

Isolate immediate hazard area and keep unauthorized personnel out. Stop spill/release if it can be done safely. Move undamaged containers from immediate hazard area if it can be done safely. Water spray may be useful in minimizing or dispersing vapors and to protect personnel. Water may be ineffective but can be used to cool containers exposed to heat or flame. Caution should be exercised when using water or foam as frothing may occur, especially if sprayed into containers of hot, burning liquid.

Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

Special Protective Actions:

Wear NIOSH approved self-contained breathing apparatus in positive pressure mode with full-face piece. Boots, gloves (neoprene), goggles, and full protective clothing are also required.

Care should always be exercised in dust/mist areas.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Emergency Procedure:

Keep unnecessary people away; isolate hazard area and deny entry. Do not touch or walk through spilled material. Clean up immediately.

ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area).

Recommended Equipment:

Positive pressure, full-face piece self-contained breathing apparatus (SCBA), or positive pressure supplied air respirator with escape SCBA (NIOSH approved).

Personal Precautions:

Avoid breathing vapors. Avoid contact with skin, eyes or clothing.

Do not touch damaged containers or spilled materials unless wearing appropriate protective clothing.

Environmental Precautions:

Stop spill/release if it can be done safely. Prevent spilled material from entering sewers, storm drains, other unauthorized drainage systems and natural waterways by using sand, earth, or other appropriate barriers.

SECTION 7: HANDLING AND STORAGE

General:

Wash hands after use.

Do not get in eyes, on skin or on clothing.

Do not breathe vapors or mists.

Use good personal hygiene practices.

Eating, drinking and smoking in work areas is prohibited.

Remove contaminated clothing and protective equipment before entering eating areas.

Eyewash stations and showers should be available in areas where this material is used and stored.

Employee education and training in safe handling of this material is required under OSHA hazard communication standard. Individuals with existing respiratory disease such as chronic bronchitis, emphysema, or asthma should not be exposed to isocyanates.

Ventilation Requirements:

Use only with adequate ventilation to control air contaminants to their exposure limits.

The use of local ventilation is recommended to control emissions near the source.

Air circulation and exhaustion of isocyanate vapors must be maintained until the coatings have fully cured to insure that no potential health hazard remains.

Exposure to vapors of heated isocyanates can be extremely dangerous.

Storage Room Requirements:

Keep container(s) tightly closed and properly labeled. Store in cool, dry, well-ventilated areas away from heat, direct sunlight, strong oxidizers and any incompatibilities. Store in approved containers and protect against physical damage. Keep containers securely sealed when not in use. Indoor storage should meet OSHA standards and appropriate fire codes. Containers that have been opened must be carefully resealed to prevent leakage.

Empty container retain residue and may be dangerous.

Use non-sparking ventilation systems, approved explosion-proof equipment and intrinsically safe electrical systems in areas where this product is used and stored.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Eye Protection:

Wear eye protection with side shields or goggles. Wear indirect-vent, impact and splash resistant goggles when working with liquids. If additional protection is needed for entire face, use in combination with a face shield.

Skin Protection:

Use of gloves approved to relevant standards made from the following materials may provide suitable chemical protection: PVC, neoprene or nitrile rubber gloves. Suitability and durability of a glove is dependent on usage, e.g. frequency and duration of contact, chemical resistance of glove material, glove thickness, and dexterity. Always seek advice from glove suppliers. Contaminated gloves should be replaced. Use of an apron and over-boots of chemically impervious materials such as neoprene or nitrile rubber is recommended to avoid skin sensitization. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace. Launder soiled clothes or properly disposed of contaminated material, which cannot be decontaminated.

Respiratory Protection:

If engineering controls do not maintain airborne concentrations to a level which is adequate to protect worker, a respiratory protection program that meets or is equivalent to OSHA 29 CFR 1910.134 and ANSI Z88.2 should be followed. Check with respiratory protective equipment suppliers.

When airborne concentrations exceed or are expected to exceed the TLV, use MSHA/NIOSH approved positive pressure supplied air respirator with a full-face piece or an air supplied hood. For emergencies, use a positive pressure self-container breathing apparatus.

Air purifying (cartridge type) respirators are not approved for protection against isocyanates.

Appropriate Engineering Controls:

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Specific Gravity: N/A

Boiling Point: N/A

Evaporation Rate: N/A

Vapor Density: N/A

Solubility in H2O: Negligible

SECTION 10: STABILITY AND REACTIVITY

Stability:

This product is stable when properly stored at normal temperature and pressures. Prolonged exposure to light and air may cause the formation of peroxides. The peroxides are unlikely to be hazardous unless they are concentrated during distillation or allowed to evaporate to dryness.

Conditions to Avoid:

Avoid exposure to or contact with extreme temperatures and incompatible chemicals.

Hazardous Reactions/Polymerization:

Will not occur under normal conditions.

Incompatible Materials:

This product is incompatible with strong oxidizers, perchloric acid, and bases.

Hazardous Decomposition Products:

If exposed to extremely high temperatures, thermal decomposition may generate irritating fumes and toxic gases (e.g., carbon oxides, peroxides, nitrogen oxides, chromium compounds, and copper compounds).

SECTION 11: TOXICOLOGICAL INFORMATION

SYMPTOMS OF OVEREXPOSURE BY ROUTE OF EXPOSURE: The health hazard information provided below is pertinent to employees using this product in an occupational setting. The following paragraphs describe the symptoms of exposure by route of exposure.

INHALATION: Inhalation overexposures to vapors, mists, and sprays of this product can cause nasal irritation, a slight increase in nasal discharge, headache, nausea, dizziness, drowsiness, and confusion. Inhalation overexposures to very high vapor levels of this product, as may occur in a poorly ventilated and confined space may cause loss of consciousness.

CONTACT WITH SKIN or EYES: Vapors of this product can irritate the eyes. Direct eye contact will cause immediate pain, irritation, redness and tearing. Because the eye tissue may be stained, the vision may be temporarily blurred. Skin contact may be irritating. Due to the colorants, skin contact may cause discoloration of contaminated areas. Prolonged or repeated skin overexposures can cause dermatitis (dry red skin).

SKIN ABSORPTION: Skin absorption is a potential route of exposure for the Proprietary Glycol Monobutyl Ether component of this product. If large areas of the skin are involved, symptoms of such overexposure may include symptoms described for "Inhalation".

INGESTION: Ingestion is not a significant route of occupational overexposure and is unlikely to occur. If this product is swallowed, it may irritate the mouth, throat, esophagus and other tissues of the digestive system and cause nausea, vomiting, and diarrhea. Chronic ingestion of gram quantities of silicates can cause kidney stones and other urinary problems.

INJECTION: Accidental injection of this product, via laceration or puncture by a contaminated object may cause redness at the site of injection.

SYNERGISTIC/ANTAGONISTICEFFECTS: None known.

HEALTH EFFECTS OR RISKS FROM EXPOSURE: An Explanation in Lay Terms.

Acute: Overexposures to this product may irritate the eyes, skin, gastrointestinal tract, and respiratory tract.

Chronic: Prolonged or repeated skin overexposures can cause dermatitis (dry red skin). Chronic ingestion may result in harm to fetus.

TARGET ORGANS: Acute: Skin, eyes, respiratory system. Chronic: Skin, fetus.

TOXICITY DATA: The following toxicological data are available for components of this product in 1% or greater concentration. Only LD₅₀ (Oral-Rat/Mouse), LD₅₀ (Skin-Rabbit), LC₅₀ (Inhalation- Rat/Mouse), Skin/Eye Irritancy and Human data are presented in this MSDS.

SECTION 12: ECOLOGICAL INFORMATION

ALL WORK PRACTICES MUST BE AIMED AT ELIMINATING ENVIRONMENTAL CONTAMINATION.

MOBILITY IN SOIL: This product has not been tested for mobility in soil.

PERSISTENCE AND BIODEGRADABILITY: This product has not been tested for persistence or biodegradability. It is expected that the components will slowly degrade in the environment and form a variety of organic and inorganic materials; however, no specific information is known.

BIO-ACCUMULATION POTENTIAL: This product has not been tested for bio-accumulation potential. No information is available for components.

ECOTOXICITY: This product has not been tested for aquatic or animal toxicity. All releases to terrestrial, atmospheric and aquatic environments should be avoided. The following aquatic toxicity data are available for components of this product, as follows:

PROPRIETARY GLYCOL MONOBUTYL ETHER:

EC₀ (*Pseudomonas putida* bacteria) 16 hours = 255 mg/L
EC₀ (*Microcystis aeruginosa* algae) 8 days = 53 mg/L
EC₀ (*Scenedesmus quadricauda* green algae) 7 days = 1,000 mg/L
EC₀ (*Entosiphon sulcatum* protozoa) 72 hours = 73 mg/L
EC₀ (*Uronema parduzi* Chatton-Lwoff protozoa) = 420 mg/L
LC₅₀ (goldfish) 24 hours = 2,700 mg/L
LC₀₁S (*Lepomis macrochirus*) 24 hours = 1,800 mg/L
LC₀₁S (*Lepomis macrochirus*) 48 hours = 1,800 mg/L
LC₀₁S (*Lepomis macrochirus*) 72 hours = 100 mg/L
LC₀₁S (*Lepomis macrochirus*) 96 hours = 100 mg/L

PROPRIETARY GLYCOL MONOBUTYL ETHER (continued):

LC₅₀S (*Lepomis macrochirus*) 24 hours = 2,400 mg/L
LC₅₀S (*Lepomis macrochirus*) 48 hours = 2,400 mg/L
LC₅₀S (*Lepomis macrochirus*) 72 hours = 2,400 mg/L
LC₅₀S (*Lepomis macrochirus*) 96 hours = 1,300 mg/L
LC₁₀₀S (*Lepomis macrochirus*) 48 hours = 3,200 mg/L
LC₀₁S (*Menidia beryllina*) 24-48 hours = 2,400 mg/L
LC₀₁S (*Menidia beryllina*) 72 hours = 1,800 mg/L
LC₅₀S (*Menidia beryllina*) 96 hours = 2,400 mg/L
LC₀₁S (*Menidia beryllina*) 72 hours = 1,000 mg/L
LC₅₀S (*Menidia beryllina*) 96 hours = 2,400 mg/L
LC₅₀ (*Menidia beryllina*) 96 hours = 2,000 mg/L

OTHER ADVERSE EFFECTS: This product does not contain any component with known ozone depletion potential.

ENVIRONMENTAL EXPOSURE CONTROLS: Controls should be engineered to prevent release to the environment, including procedures to prevent spills, atmospheric release and release to waterways

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal:

Under RCRA, it is the responsibility of the user of the product, to determine the time of disposal whether the product meets RCRA criteria for hazardous waste. Waste management should be in full compliance with federal, state, and local laws. Empty containers retain product residue which may exhibit hazards of material, therefore do not pressurize, cut, glaze, weld or use for any other purposes. Return drums to reclamation centers for proper cleaning and reuse.

SECTION 14: TRANSPORTATION INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION: These products are NOT classified as dangerous goods, per U.S. DOT regulations, under 49 CFR 172.101.

TRANSPORT CANADA: These products are NOT classified as Dangerous Goods, per the Transportation of Dangerous Goods regulations.

SECTION 15: REGULATORY INFORMATION

U.S. SARA REPORTING REQUIREMENTS: The components of this product are not subject to the reporting requirements of Sections 302, 304, and 313 of Title III of the Superfund Amendments and Reauthorization Act.

U.S. SARA HAZARD CATEGORIES (SECTION 311/312, 40 CFR 370-21):

Acute: No. Chronic: No. Fire: No. Reactive: No. Sudden Release: No.

U.S. SARA THRESHOLD PLANNING QUANTITY: There are no specific Threshold Planning Quantities for the components of these products listed by CAS# in Section 3 (Composition and Information on Ingredients). The default Federal MSDS submission and inventory requirement filing threshold of 10,000 lb (4,540 kg) may apply, per 40 CFR 370.20.

U.S. CERCLA REPORTABLE QUANTITY (RQ): Not applicable for components listed by CAS# in Section 3 (Composition and Information on Ingredients).

U.S. TSCA INVENTORY STATUS: According to the manufacturers/importers of the proprietary components of this product, one component is regulated under FIFRA when used as a biocide and all other components are listed on, registered with, compliant with, or exempt from TSCA.

OTHER U.S. FEDERAL REGULATIONS: Not applicable.

CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT (PROPOSITION 65): The components of this product listed by CAS# in Section 3 (Composition and Information on Ingredients) are not on the California Proposition 65 lists.

CANADIAN DSL/NDL INVENTORY STATUS: The components of this product listed by CAS# in Section 3 (Composition and Information on Ingredients) are on the DSL Inventory.

OTHER CANADIAN REGULATIONS: Not applicable.

CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA) PRIORITIES SUBSTANCES LISTS: It cannot be confirmed that the proprietary components of this product are not on the CEPA Priorities Substances Lists.

SECTION 16: OTHER INFORMATION

DISCLAIMER

The information contained herein is based on the data available and is believed to be accurate, however, the manufacturer makes no warranty expressed or implied regarding the accuracy of this data or the results obtained from the use thereof. Accordingly, we assume no responsibility for injury from the use of this product.