

ISI BUILDING PRODUCTS®

SAFETY DATA SHEET

FOR NU-AGE FILMS® ENGINEERED POLY SHEETING

IDENTIFICATION

PRODUCT NAME: Nu-Age Films
DESCRIPTION: Co-Extruded Standard Polyethylene Film
RECOMMENDED USE: Vapor retarder for floors/walls/ceilings, surface protection and temporary containment

MANUFACTURER

ISI BUILDING PRODUCTS
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HAZARD(S) IDENTIFICATION

EYE: Solid or dust may cause irritation or corneal injury due to mechanical action

SKIN CONTACT: Non-irritating, mechanical injury only

SKIN ABSORPTION: Unlikely due to physical properties

INGESTION: Single dose oral LD50 has not been determined. Single dose oral toxicity is believed to be very low. No hazards anticipated from ingestion due to industrial exposure.

SYSTEMATIC & OTHER EFFECTS: Additives are encapsulated in product and not expected to be released under normal processing conditions.

COMPOSITION/INGREDIENTS

CHEMICAL FAMILY: Polyethylene

COMPONENT:	CAS NUMBER:	AMOUNT:
Copolymer of Ethylene	026221-73-8	> 98%
Silicon Dioxide	068855-54-9	0.1% < 1.0%
Stearic Acid	57-11-4	0.5 < 1.5%
Quart	14808-60-7	< 0.5%
(BLACK)		
Titanium Dioxide	13463-67-7	< 4.5%
Carbon Black	1333-86-4	< 2%

FIRST AID MEASURES

EYE: Irrigate immediately with water for at least 5 minutes.

SKIN: Wash off in flowing water or shower

INGESTION: No adverse effects anticipated by this route of exposure incidental to proper industrial handling.

INHALATION: No adverse effects anticipated by this route of exposure incidental to proper industrial handling.

FIREFIGHTING MEASURES

FLASH POINT: N/A

METHOD USED: N/A

FLAMMABLE LIMITS: LFL: N/A UFL: N/A

EXTINGUISHING MEDIA: Water, carbon dioxide, dry chemical. General purpose synthetic foams (including AFFF type) or protein forms may be used. Alcohol resistant foams (ATC type) may also function.

FIRE & EXPLOSION HAZARDS: Soak thoroughly with water to cool and prevent re-ignition. Dense smoke emitted when burned without sufficient oxygen. Under fire conditions, polymers decompose. Smoke may contain polymer fragments of varying composition in addition to unidentified toxic and/or irritating compounds. Hazardous combustion byproducts may include, and are not limited to, carbon monoxide, carbon dioxide.

FIREFIGHTING EQUIPMENT: Wear positive-pressure self-contained breathing apparatus (SCBA) and protective firefighting clothing (includes firefighting helmet, coat, pants, boots and gloves).

ACCIDENTAL RELEASE MEASURES

SPILL MANAGEMENT: Sweep up and discard. Bury in landfill or burn in an approved incinerator in accordance with applicable local, state and federal regulations.

HANDLING & STORAGE

Should be stored in a cool, dry place out of direct sunlight.

EXPOSURE CONTROLS/PROTECTION

Although additives used in product may have exposure guidelines, additives are encapsulated and no exposure would be expected under normal handling conditions.

EYE/FACE PROTECTION: Use safety glasses. Use chemical goggles if there is a potential for exposure to particles that could cause mechanical injury to the eye.

SKIN PROTECTION: No precautions, other than clean body covering clothing, should be needed.

RESPIRATORY PROTECTION: None should be needed for most conditions. Use approved air purifying respirator when handling at elevated temperatures without sufficient ventilation. In dusty atmospheres, use approved dust respirator.

VENTILATION: General ventilation should suffice for most conditions. Local exhaust ventilation may be necessary.

PHYSICAL/CHEMICAL PROPERTIES

APPEARANCE: Translucent (clear or colored with additives) plastic sheet

ODOR: Odorless

BOILING POINT: N/A

SOLUBILITY (in water): Nil SP. GRAVITY: 0.91-0.97

VAPOR PRESSURE: N/A

VAPOR DENSITY: N/A

STABILITY & REACTIVITY

CONDITIONS TO AVOID: Temperatures over 572°F, 300°C will release combustible gases.

INCOMPATIBILITY WITH OTHER MATERIALS: N/A

HAZARDOUS DECOMPOSITION PRODUCTS: Depends on temperature, other materials present and air supply. During thermal processing, products can degrade to produce trace hydrocarbons, aldehydes, organic acids, and alcohols in limited quantities. Complete combustion results in carbon dioxide and water.

TOXICOLOGICAL INFORMATION

EYE: Solid or dust may cause irritation or corneal injury due to mechanical action.

SKIN CONTACT: Non-irritating, mechanical injury only

SKIN ABSORPTION: Unlikely due to physical properties

INGESTION: Single dose oral LD50 has not been determined. Single dose oral toxicity is believed to be very low. No hazards anticipated from ingestion incidental to industrial exposure.

SYSTEMATIC & OTHER EFFECTS: Additives are encapsulated in product and not expected to be released under normal processing conditions.

DISPOSABLE CONSIDERATIONS

DISPOSAL METHOD: Bury in landfill or burn in an approved incinerator in accordance with applicable local, state and federal regulations.

TRANSPORTATION INFORMATION

N/A

ECOLOGICAL INFORMATION

N/A

REGULATORY INFORMATION

REACH EU SVHC: Does not contain any substances greater than .1% of product weight

CONEG: Trace heavy metal levels comply with current guidelines (total lead, mercury, cadmium and hexavalent chromium concentration less than 100 ppm). Contains no heavy metals.

ROHS: Does not contain any of restricted substance

CALIFORNIA PROPOSITION 65: Does not contain any chemicals listed in Safe Drinking Water and Toxic Enforcement Act of 1986.

OTHER INFORMATION

This document is prepared pursuant to the OSHA Hazard Communication Standard (29 CFR 1910.1200). In addition, other substances not 'Hazardous' per this OSHA Standard may be listed. Where proprietary ingredient shows, identity may be made available as provided in this standard.

DISCLAIMER: REASONABLE CARE HAS BEEN TAKEN IN THE PREPARATION OF THIS INFORMATION, BUT THE MANUFACTURER MAKES NO WARRANTY OF MERCHANTABILITY OR ANY OTHER WARRANTY, EXPRESSED OR IMPLIED, WITH RESPECT TO THIS INFORMATION. THE MANUFACTURER MAKES NO REPRESENTATIONS AND ASSUMES NO LIABILITY FOR ANY DIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM USE.



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