

# MSDS Plastic Clip

## 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT DESCRIPTION:** UltraShield Composite Decking Hidden Fastener

**DESCRIPTION:** Polypropylene

**ITEM #:** Not Established

**APPEARANCE AND ODOR:** Black plastic clip, Faint Odor

**SUPPLIER:**

NewTechWood Corporation  
19111 Walden Forest Dr. Suite B, Humble, TX 77346 USA  
Telephone: 281-570-6450

**China Factory:**

NewTechWood Corporation  
NGA Industrial Park, Daling, Huidong, Guangdong, PRC. 516321  
Telephone: 86-752-8138888

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

**CHEMICAL NAMES AND SYNONYMS:**

1. POLYPROPYLENE
2. POLYETHYLENE
3. TALC

**INGREDIENTS CONSIDERED HAZARDOUS TO HEALTH:**

SUBSTANCE NAME	WEIGHT PERCENTAGE
POLYPROPYLENE	80 -85%
POLYETHYLENE	2- 5%
TALC	10-15%

**NOTE: THIS MATRIX IS A THERMOPLASTIC MATERIAL. THIS MATRIX CONTAINS POLYETHYLENE AND POLYPROPYLENE. THE POLYETHYLENE AND POLYPROPYLENE IS SOURCED PARTIALLY FROM RECLAIMED/RECYCLED PLASTIC.**

## 3. HAZARD IDENTIFICATION

**U.S. OSHA HAZARD COMMUNICATION STANDARD:** According to OSHA 29 CFR 1910.1200, certain this plastic clip is considered hazardous if the workplace airborne concentrations exceeds the OSHA or ACGIH exposure limits (see section 8).

**EMERGENCY RESPONSE DATA:** Black solid. Exposure to fire can generate toxic fumes. High dust levels may create potential for explosion. DOT ERG No. NA

## 4. FIRST AID MEASURES

**EYE CONTACT:** Flush thoroughly with water. If irritation occurs, call a physician.

**SKIN CONTACT:** Wash contact areas with soap and water. Launder contaminated clothing before reuse.

**INHALATION:** If respiratory irritation, cough, shortness of breath, wheezing or chest tightness occurs after exposure to dust, remove from further exposure, seek immediate medical assistance and call for a physician.

## 5. FIRE FIGHTING MEASURES

**EXTINGUISHING MEDIA:** Water

**SPECIAL FIRE FIGHTING PROCEDURES:** Use water to keep fire exposed product cool. For fires in enclosed areas, fire fighters must use self-contained breathing apparatus.

**SPECIAL PROTECTIVE EQUIPMENT:** For fires in enclosed areas, fire fighters must use self-contained breathing apparatus.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Exposure to fire can generate toxic fumes.

## 6. ACCIDENTAL RELEASE MEASURES

**NOTIFICATION PROCEDURE:** None

**PROCEDURES IF MATERIAL IS RELEASED OR SPILLED:** None

**ENVIRONMENTAL PRECAUTIONS:** Not expected to be a problem.

## 7. HANDLING AND STORAGE

**HANDLING:** This products should be complete packed, loading safety, prevent exposure to the rain and heat in the process of transportation.

**STORAGE:** Away from strong oxidizing agents or combustible material.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**VENTILATION:** Use in well ventilated area

**RESPIRATORY PROTECTION:** Approved dust respirators must be used for dusty conditions or if breathing of dusts is likely.

**EYE PROTECTION:** Safety glasses with side shields, or goggles, should be worn to protect against dust particles.

**SKIN PROTECTION:** No special equipment required. Good personal hygiene practices should always be followed.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical properties are given which are considered representative. For specific physical properties refer to the Product Data Sheet.

**APPEARANCE:** Solid

**COLOR:** Black

**ODOR:** None

**PH VALUE:** N/A

**BOILING POINT:** N/A

**MELTING POINT:** Approximately 165°C

**FLASH POINT:** Not available

**FLAMMABILITY:** Smoke- Flame Spread Index = 115

**SELF IGNITION:** 437°C

**SMOKE DEVELOPED VALUE:** 150

**WATER ABSORPTION:** 0.12% by weight

**COEF. OF MOISTURE EXPANSION:** 0.2% by weight

**WATER SOLUBILITY:** Negligible

**FUNGUS RESISTANCE:** No Decay

**VAPOR DENSITY:** NE

**EVAPORATION RATE:** NE

**POUR POINT:** NA

**FREEZING POINT:** NE

**VOLATILE ORGANIC COMPOUND:** NE

## 10. STABILITY AND REACTIVITY

**STABILITY (THERMAL, LIGHT, ETC.):** Stable.

**CONDITIONS TO AVOID:** Heat and flame. Build up of dusts.

**INCOMPATIBILITY (MATERIALS TO AVOID):** Strong oxidizers.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Smoke, Carbon Monoxide, carbon dioxide, acid, aldehyde.

**HAZARDOUS POLYMERIZATION:** Will not occur.

## 11. TOXICOLOGICAL DATA

### ACUTE TOXICOLOGY

**Oral Toxicity (Rats):** Not established.

**Dermal Toxicity (Rabbits):** Not established.

**Inhalation Toxicity (Rats):** Not established.

**Eye Irritation (Rabbits):** Not established.

**Skin Irritation (Rabbits):** Not established.

## CHRONIC TOXICOLOGY

Their non-toxic, pay attention to the toxicity of different additives. pyrolysis products of acid, aldehyde and other eye upper respiratory stimulation.

## 12. ECOLOGICAL INFORMATION

**ENVIRONMENTAL FATE AND EFFECTS:** Not Established

## 13. DISPOSAL CONSIDERATION

**WASTE DISPOSAL:** Dispose of waste as normal refuse.

## 14. TRANSPORT INFORMATION

**USA DOT:** Not regulated by US DOT.

**IMO:** Not regulated by IMO.

## 15. REGULATORY INFORMATION

**GOVERNMENT INVENTORY STATUS:** All components comply with TSCA.

**U.S. SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT (SARA) TITLE III:** This product contains no "EXTREMELY HAZARDOUS SUBSTANCES."

**USE:** Composite Lumber Products for Decking.

### INGREDIENTS:

POLYPROPYLENE	80 -85%
POLYETHYLENE	2- 5%
TALC	10-15%

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