

Yangzhou Sunchem Co.,Ltd.

Material Safety Data Sheet

Light Stabilizer-944 (cas 70624-18-9) MSDS

Material Safety Data Sheet

Identity: Non-Reinforced Plastic

Lumber

Chemical Description: Foamed, colored, recycled polyolefin material.

Section 1:

Product Manufacturer: Trimax Building Products

1305 West 29th Street, Bdg Anderson, IN 46016

Telephone Number for Information: 1-877-9TRIMAX (1-877-987-4629)

Emergency Telephone Number: Trimax Building Products 1-765-643-9373

Chemtrec 1-800-424-9300

Section 2: Hazardous Ingredients Information

Depending on the color additive used, the following hazardous ingredients may be found in ratios up to

the amounts listed:

OSHA/PEL ACGIH/TLV % By

CAS # COMMON NAME (mg/m3) (mg/m3) Weight NTP IARC OSHA

1333-86-4 Carbon Black 3.500 3.500 <1.5 N Y N

Titanium Dioxide *

13463-67-7 15.000 10.000 <2.07 N N N

amorphous silica *

1129626-00-8 6.000 10.000 <0.21 N N N

Lead **

7439-92-1 0.050 0.150 <0.798 N Y N

Chromium **

7440-47-3 0.012 ----- <0.183 Y Y Y

70624-18-9 Not Est. ----- <0.153 N N N

Poly Hexamethylene***

* Found in white color additive only.

** Found in yellow color additive only.

*** Found in green color additive only.

OSHA ?? Occupation, Safety & Health Administration

IARC ?? International Agency for Research on Cancer

NTP ?? National Toxicology Program

ACHIH ?? American Conference of Governmental Industrial Hygienists

TLV ?? Threshold Limit Values

PEL ?? Permissible Exposure Limit

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Section 3: Physical and Chemical Properties

Boiling Point: N/A Specific Gravity: .65 - .88 grams/cubic cm
257o F

Vapor Pressure: N/A Melting Point:

Vapor Density: N/A Evaporative Rate: Nil

Solubility in Water: N/A

Appearance: Colored solid plastic lumber.

Odor: Slight Olefinic

Section 4: Fire and Explosion Hazard Data

Greater than 600oF (ASTM D-1929)

Flash Point:

Flammable Limits: LEL ?? N/A

UEL ?? N/A

Extinguishing Media: Water, Carbon Dioxide, Foam or Dry Chemical

Special Fire Fighting Instructions: Use self-contained breathing apparatus and full protective gear.

Unusual Fire Explosion Hazards: None.

Section 5: Stability and Reactivity

Stability: Stable

Materials to Avoid: None known

Combustion/Decomposition Products: Water, carbon dioxide, carbon monoxide, nitrogen.

Carbon residue and heavy metal oxides may be released depending on the color additive used. Due to the fact that a significant amount of the material is recycled plastic, other undetermined compounds could be released in small quantities.

Hazardous Polymerization: Will not occur.

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Section 6: Health Hazard Data

Primary Route(s) of Exposure: Inhalation or ingestion of dust.

Potential Health Effects: Accute (Short-Term):

Breathing dust from this product may cause short-term irritation of the mouth, nose and throat.

Eye contact with dust from this product may cause mechanical irritation.

Chronic (Long-Term):

(See Section 9 ?? Toxicological Information)

Medical Conditions Aggravated by Exposure:

Long-term breathing conditions that are aggravated by mechanical irritants may be at a higher risk for worsening

from contact with dust from this product.

First Aid Measures: Inhalation:

Move person to fresh air; seek medical attention.

Eye Contact:

Do not rub eyes; flush eyes with running water for at least 15 minutes; seek medical attention.

Ingestion:

Ingestion of this material is unlikely; however, if it does occur, seek medical attention immediately.

Section 7: Precautions for Safe Handling and Use

In Case of Spills or Accidental Release: Scoop up or vacuum material. Place in a suitable container for disposal in accordance with any local, state or federal laws.

Storage Temperature: This product can be maintained at a temperature less than or equal to 120o F.

Storage Pressure: N/A.

Storage Precautions: Do not store near heat, open flames or strong oxidants or alkalis; store flat and well supported across entire span.

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Section 8: Control Measures

Respiratory Protection: A properly fitting NIOSH approved dust mask must be worn when machining this material.

Ventilation: machine this product only in a well ventilated area. Dust collection systems should be used to reduce dust levels below the personal exposure level when local ventilation is not sufficient, particularly during machining operations when higher levels of dust are generated.

Protective Gloves: Should be worn when handling this product.

Eye Protection: Properly fitting safety glasses, goggles or face shield should be worn when machining this product.

Work/Hygienic Practices: Wash hands before eating, drinking or smoking.

Section 9: Toxicological Information

Eye Effects: No data available.

Skin Effects: Chronic exposure may cause antimony measles.

Carcinogenicity: Lead Chromate is classified by:

IARC: Group 2B

NTP: Known carcinogen

ACGIH: A2 Suspect human carcinogen.

Mutagenicity: Test results for lead chromate pigments are

conflicting.

Reproductive Effects: Possible risk of irreversible reproductive effects.

NOTE: Risk of exposure to hazardous ingredients is reduced due to encapsulation in plastic.