

MATERIAL SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME:
WOOD PLASTIC COMPOSITE Pellets

24-HOUR EMERGENCY:
Contact our sales office +202 44739599 for any inquiries regarding our products

2.COMPOSITION/INFORMATION ON INGREDIENTS

NOTE: WOOD FIBER IS CONTAINED IN A POLYETHYLENE MATRIX. POLYETHYLENE IS A THERMOPLASTIC MATERIAL. THIS MATRIX CONTAINS PREDOMINANTLY WOOD FIBER AND POLYETHYLENE. THE POLYETHYLENE CAN BE SOURCED AS VIRGIN OR REGRIND (RECYCLED) MATERIALS.

Ingredient	CAS Number	% w/w
Wood fibre	unavailable	55%~60%
High-density polyethylene (HDPE)	9002-88-4	30~35%
Additive	unavailable	10%

Additives include: PE WAX(lubricant), Stabilizer, color agent, calcium powder, UV resistant, coupling agent, Plasticizer

3.HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS

This product is not considered to be a hazardous substance according to OSHA 29 CFR 1910.1200. This product can create a nuisance dust that may cause eye, skin and respiratory tract irritation.

OVER EXPOSURE

Dust can irritate nose, throat and respiratory tract and may cause mechanical irritation in the eyes. Repeated exposures to certain wood dusts can produce allergic skin and respiratory reactions including asthma and rhinitis. It has been determined there is sufficient evidence to classify wood fiber as a human carcinogen. When wood fiber is incorporated in a polymer matrix, exposure is virtually eliminated.

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.

INGESTION: Not expected to be a problem when ingested in small quantities. If uncomfortable, seek medical assistance.

5.FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA: Water

SPECIAL FIRE FIGHTING PROCEDURES: Use water to keep fire-exposed product cool. For fires in enclosed area, 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. High dust levels may create potential for explosion.

Flash Point:

Flame Spread Index:

Flammable Limits – LEL: NA

Flammable Limits – UEL: NA

NFPA HAZARD ID: Health: 0 Flammability: 1 Reactivity: 0.

MOROSGROUP DECOMPOSITION PRODUCTS: Smoke, Carbon Monoxide, Acetaldehyde, Formaldehyde, Formic Acid and Acetic Acid.

6.ACCIDENTAL RELEASE MEASURES

Notification Procedures: None

Procedures if Material is released or spilled: Where dusty conditions are created as a result of cutting or sawing, wet dust down then sweep or vacuum for disposal.

Personnel performing cleanup must use protective equipment.

Environmental Precautions: Not expected to be a problem

7.HANDLING AND STORAGE

Handling: MOROSGROUP WPC Pellets are not intended for load-bearing or heavy structural applications. Please consult MOROSGROUP company literature for proper usage. MOROSGROUP's Wood-Polymer Lumber is heavier than most traditional lumber products: proper handling is required to prevent damage or injury. Do not burn in fireplace or use as firewood.

Storage: Do not store in open or unlabeled containers. Store away from strong oxidizing agents or combustible material. Store away from direct sources of heat.

8.EXPOSURE CONTROL/PERSONAL PROTECTION

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

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

Skin: No special equipment required. Good personal hygiene practices should always be followed.

Ventilation: Use in well ventilated area.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Solid Vapor Density (Air = 1): n/a
Boiling Point: n/a Specific Gravity: not available
Melting Point: not available % Volatile by Volume: n/a
Flash Point: 420°C Vapor Pressure: n/a
Odor: Slight Olefinic Appearance: Colored Plastic Lumber

10. STABILITY AND REACTIVITY

Stability: Stable
Corrosivity: n/a
Incompatibility: n/a
Reactivity: n/a
Reactivity with water: not available
Explosion: n/a

11. TOXICOLOGICAL INFORMATION

No data available.

12. ECOLOGICAL INFORMATION

No data available.

13. WASTE DISPOSAL CONSIDERATIONS

No data available.

14. TRANSPORTATION INFORMATION

Not regulated

15. REGULATORY INFORMATION

Not regulated

16. ADDITIONAL COMMENTS

The above information is accurate to the best of our knowledge. However, MOROSGROUP makes no warranty expressed or implied with respect to this information and disclaims all liability for reliance thereon. The information and recommendations are offered for the user's consideration and examination; it is the user's responsibility to satisfy themselves that they are suitable and complete for a particular use.