



SAFETY DATA SHEET

LVT/SPC FLOORING

1. PRODUCT IDENTIFICATION

Product Name: PVC resilient flooring product manufactured/sourced by MS International, Inc.
 Synonyms: LVT/ Stone plastic composite/Solid polymer core (SPC)/LVT
 Recommended Use: Flooring
 Manufacturer Name: MS International Inc.
 Address: Corporate Office
 2095 N. Batavia Street, Orange CA
 92865
 Telephone: (714) 685-7500
 Emergency: ChemTel, Inc.
 Assistance: (24/7, 365, multilingual): 1-800-255-3924

This document has been prepared in accordance with the Occupational Safety and Health Administration (OSHA) Hazard Communication standard, 29 Code of Federal Regulations (CFR) 1910.1200(g), Safety Data Sheets.

2. HAZARDS IDENTIFICATION

Hazards Description: None for product as sold. This product is not considered hazardous under the U.S. OSHA 29 CFR 1910.1200 Hazard Communication Standard in the form in which it is shipped.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical characterization

Description: Thickness: 2; 2.5; 4.4; 5; 6.5; 8 and 9mm

Hazardous ingredients: None

Composition	CAS#	Estimated % by Wt.
Polyvinyl Chloride	9002-86-2	25~27%
Diocetyl Terephthalate		0.5%
Calcium Carbonate	471-34-1	66.7~68.7%
Processing Aid	64754-90-1, 9003-54-7	1.5%
Lubricants	115-83-3, 9002-88-4	0.8%
Stabilizer	1592-23-0, 557-05-1, 126-58-9, 68989-22-0, 9002-88-4, 68441-17-8	2%
IXPE Foam	9002-88-4	1.5%

4. FIRST AID MEASURES

None for the product as-shipped. Downstream activities like sawing, cutting, and sanding can generate dust. To avoid health hazards during downstream activities, note the following measures.

Generated from Installation:

Dust Hazard: Inhalation of excessive amounts of dust may cause temporary upper respiratory irritation and/or congestion, irritation of the eyes and skin or asthma.

Inhalation: None for product as sold. Dust generated from installation operations may cause irritation to the respiratory tract. Prolonged and repeated inhalation of dust may lead to chronic respiratory irritation. Asthmatic conditions may be aggravated by uncontrolled airborne dust exposure.

Skin Contact: None for product as sold. Dust generated from installation operations may cause irritation of the skin.

Eye Contact: None for product as sold. Dust generated from installation operations may cause irritation of the eye.

Ingestion: Not an expected route of entry.

5. FIRE-FIGHTING MEASURES AND INFORMATION

Suitable extinguishing agents: Adjust the extinguishing measures based on the environment. CO₂, extinguishing powder, water spraying jet or alcohol steady foam.

Unsuitable fire extinguishing agent for safety reasons: Full jet of water; Cool closed containers with water spray.

SPC flooring is not an explosion hazard as-shipped. Sawing, cutting, sanding, or machining can result in by-product dust. Dust may present a strong to severe explosion hazard if a dust cloud contacts an ignition source.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Not applicable to product as-shipped. Do not breathe dust generated by from sawing, cutting, sanding, or machining. Such dust may be vacuumed or shoveled for recovery, removal, or disposal. A NIOSH approved respirator should be worn if dust exposure limits are exceeded.

Environmental measures: No extra measures necessary.

Procedures for cleaning /Absorption: Take up the substance mechanically. Dispose of the material as instructed.

See section 7, 8, and 13 for further information on safe handling, personal protective equipment, and disposal information.

7. HANDLING AND STORAGE

This product should be stored, handled, and used in accordance with good industrial hygiene practices and in conformity with any legal regulation. Minimize dust generation and accumulation.

Storage:

Information for safe handling: No extra measures necessary to handle the product. Minimize dust generation and accumulation. Keep away from ignition source.

Requirements for storage rooms and containers: No special requirements.

Information for storage together with other products: Not necessary.

Further information for storage conditions: Dry storage.

Storage class: VCI-storage class: 10 – 13

VbF-class: Not applicable.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Additional information about design of technical facilities: No further details. See item 7.

Ingredients with limit values that require monitoring at the workplace: The product does not contain relevant quantities of materials with workplace-related exposure limits.

DNELs: Not available

PNECs: Not available

Personal protection equipment:

General protection and hygiene measures: Wash your hands before breaks and after work. During work do not eat, drink, smoke or take snuff.

Work/Hygiene Practices: Clean up settled dust to avoid slippery areas and accumulation of combustible materials. Avoid or minimize practices that generate high air-borne dust particles.

Respiratory protection: Not required to handle product as-shipped. A NIOSH approved respirator should be worn when sawing, cutting, sanding, or machining.

With continuous mechanical treatment, a dust respirator is recommended.

Protection of hands: Not necessary.

Material of gloves: No gloves necessary.

Penetration time of the glove material: No gloves necessary.

Eye protection: With continuously mechanical treatment, eye protection glasses are recommended.

Body protection: Protective clothes.

9. PHYSICAL AND CHEMICAL PROPERTIES

General information:

Form:	Firm
Color:	Various
Smell:	No Smell

Change in condition:

Melting point/Melting area:	Not available
Boiling point/Boiling area:	Not available
Flaming point:	Not available
Self-inflammability:	The product is not self-inflammable
Explosion danger:	The product is not explosion dangerous
Density: Not defined	
Solubility in / Miscibility with water:	Insoluble
pH-value:	Not applicable
Segregation coefficient (n-octanol/ water):	Not applicable
Viscosity:	Not applicable
Dynamic:	Not applicable

10. STABILITY AND REACTIVITY

Conditions to be avoided:	No dissolution when used for the intended purpose.
Dangerous reactions:	No dangerous reactions known.
Hazardous decomposition products:	No hazardous decomposition products known.

11. TOXICOLOGICAL INFORMATION

Acute toxicity:	Not applicable in as-shipped form. Wood dust has been evaluated by the International Agency for Research on Cancer (IARC) as group 1, carcinogenic to humans.
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Primary irritant effect:

On the skin:	No irritation.
On the eyes:	Irritation through dust particles is possible.
Sensitizing:	No sensitizing effect known.

Toxicokinetics, metabolism and distribution:	Not available
Acute effects (acute toxicity, irritation and corrosivity):	Not available
Repeated dose toxicity:	Not available
CMR effects (carcinogenicity, mutagenicity, and toxicity for reproduction):	Not available

12. ECOLOGICAL INFORMATION

Information about elimination (persistence and degradability):	Not available
Behavior in environmental system:	
Mobility and bioaccumulation potential:	Not available
Ecotoxic effects:	

Aquatic toxicity:
General notes:
PBT assessments:

Not available
No water endangerment known
Not available

13. DISPOSAL CONSIDERATIONS

Follow applicable federal, state, and local regulations.

14. TRANSPORTATION INFORMATION

Not regulated as hazardous material by the U.S. Department of Transportation.

15. REGULATORY INFORMATION

Not a controlled product

16. ADDITIONAL INFORMATION

The contents and format of this MSDS/SDS are in accordance with REGULATION(EC) No 1907/2006, EU Commission Directive 1999/45/EC, 67/548/EEC.

DISCLAIMER OF LIABILITY

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