



## MATERIAL SAFETY DATA SHEET

### Allied Industries International Eco-Grip®PVC Sheet

#### 1. Product and Company Identification

Company: Allied Industries International, Inc  
1088 Old Gaffney Hwy  
Jonesville, SC 29353

CONTACT: 864-674-0018

Prepared: June 22, 2008

Preparer: M. Andrews / Polytech Resources, LLC

Chemical Family: Mixture

Product Identification: Allied Industries International Eco-Grip™

Use: Flooring

#### 2. Composition

##### A. Ingredients:

Polyvinyl Chloride

Plasticizers

Various

Polyethylene Terephthalate

Epoxidized Soybean Oil

Mixed Metal Stabilizer

Calcium Carbonate

Titanium Dioxide

Antimony Oxide

Stearic Acid

Phenol, 2-(2H-benzotriazol-2-yl) - 4-methyl

Phenoxarsine 10, 10'-oxydi

Carbon Black

### 3. Hazards Identification

#### POTENTIAL HEALTH EFFECTS

##### INGESTION

No Data

##### SKIN CONTACT

May cause skin irritation

##### INHALATION

Use at high temperatures may cause release of hydrogen chloride gas which can cause irritation to mouth, nose, throat and lungs. Use product in well ventilated area and use proper protective equipment.

##### EYE CONTACT

May irritate eyes

##### MEDICAL CONTITIONS AGGRAVATED

Respiratory

##### SUBCHRONIC (TARGET ORGANS) EFFECTS

None known

##### CHRONIC EFFECTS/CARCINOGENICITY

None known

##### PRINCIPLE ROUTES OF EXPOSURE

Dermal

Eyes

Inhalation

##### OTHER

### 4. First Aid Measures

INGESTION: Unlikely

SKIN: Wash with soap and water

Get medical attention if irritation

INHALATION: Move person to fresh air, aid in breathing if necessary, and get immediate medical attention

EYES: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

### 5. Fire Fighting Measures

FLASH POINT (F) N/A

METHOD

IGNITION TEMPERATURE (F) UNK

FLAMMABLE LIMITES IN AIR-LOWER UNK

FLAMMABLE LIMITES IN AIR-UPPER UNK

SENSITIVITY TO MECHANICAL IMPACT NO

SENSITIVITY TO STATIC DISCHARGE

Not Known

EXTINGUISHING MEDIA

All standard firefighting media

SPECIAL FIREFIGHTING PROCEDURES

Wear respiratory protection if in a confined area

## 6. Accidental Release Measures

Not Applicable

## 7. Handling and Storage

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE

Store below 120 F to minimize volatilization of the plasticizer.

## 8. Exposure Controls/Personal Protection

ENGINEERING CONTROLS

Exhaust ventilation

Eyewash stations

A well ventilated area

RESPIRATORY PROTECTION: Use in well-ventilated area.

Use approved NIOSH respiratory protection.

Dust masks

PROTECTIVE GLOVES: Cloth gloves.

EYE AND FACE PROTECTION: Safety glasses.

OTHER PROTECTIVE EQUIPMENT: Unknown.

VENTILATION: Use only in well-ventilated area/ Mechanical ventilation.

## 9. Physical and Chemical Properties

BOILING POINT (C)	N/A
VAPOR PRESSURE (20 C) (mmHG)	No data
VAPOR DENSITY (AIR=1)	No data
FREEZING POINT (C)	UNK
MELTING POINT (C)	UNK
PHYSICAL STATE	SOLID
ODOR	FAINT VINYL ODOR
COLOR	VARIOUS
ODOR THRESHOLD (PPM)	NA
% VOLATILE BY VOLUME	UNK
EVAP. RATE (BUTYL ACETATE = 1)	UNK
SPECIFIC GRAVITY	1.2 to 1.4
DENSITY (KG/M <sup>3</sup> )	UNK
ACID/ALKALINITY (MEQ/G)	UNK
PH	NA
VOC EXCL. H <sub>2</sub> O & EXPENTS (G/L)	NT
SOLUBILITY IN WATER (@20 C)	UNK
SOLUBILITY IN ORGANIC SOLVENTS (STATE SOLVENT)	Tetrahydrofuran

## 10. Stability and Reactivity

### STABILITY

Stable

### HAZARDOUS POLYMERIZATION

Will not occur

### HAZARDOUS DECOMPOSITION/COMBUSTION PRODUCTS

Hydrogen Chloride Gas

Carbon monoxide

Carbon dioxide

### INCOMPATIBILITY (MATERIALS TO AVOID)

Oxidizing agents

### CONDITIONS TO AVOID

Heat, flames, sparks

## 11. Toxicological Information

ACUTE ORAL LD50 (MG/KG) N/A

ACUTE DERMAL LD50 (MG/KG) N/A

ACUTE INHALATION LC50 (MG/KG) N/A

### OTHER

None

AMES TEST N/A

## 12. Ecological Information

ECOTOXICOLOGICAL INFORMATION No data at this time

CHEMICAL FATE INFORMATION No data at this time

## 13. Disposal Considerations

### DISPOSAL METHOD

Disposal should be made in accordance with federal, state, and local regulations.

Bury in a licensed landfill or burn in an approved incinerator according to federal, state, and local regulations.

## 14. Transport Information

DOT SHIPPING NAME NONE

DOT HAZARD CLASS NONE

DOT LABEL NONE

UN/UA NUMBER NONE

PLACARDS NONE

IATA NOT REGULATED BY IATA

IMO IMDG-code NONE

EMS No NA

### EUROPEAN CLASS

RID (OCTI) NONE

ADR (ECE) NONE

RAR (IATA) NONE

## 15. Regulatory Information

SARA SECTION302

None found

SARA (311,312) HAZARD CLASS

None

SARA (313) CHEMICALS

None

CPSC CLASSIFICATION

NA

WHMIS HAZARD CLASS

UNK

WHMIS TRADE SECRET

UNK

EXPORT

NA

HAZARD RATING SYSTEM

HMIS

NFPA

CALIFORNIA PROPOSITION 65

None

## 16. Other Information

No warranty, either expressed or implied, is made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.



**Manufacturing/  
International Distribution**  
1088 Gaffney Hwy  
Jonesville, SC 29353  
864-674-0018 ph  
864-674-0019 fax

**National Training Center/  
SpeedFlex Production**  
3013 Bank Street  
Charlotte, NC 28203  
704-522-0597 ph  
704-522-0598 fax

800-767-5754 Toll Free  
sales@eco-gripfloor.com  
customerservice@eco-gripfloor.com  
www.eco-gripfloor.com



Made in USA

