

## MSDS Report

No. SHAML1206474301

Date: Jun. 20, 2012

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Worldwide Door Components Inc.  
No.588 Xingping No.4 Road, Pinghu E.D.Z, Zhejiang, China 314200

SGS Ref. No. : SC120402118-SH  
Sample Name : PVC Composite Door Jamb  
End Uses : Door jamb  
Composition/Ingredient of sample (as per client submission) : See *section 3 Composition/information on ingredients* on the MSDS report  
Job Receiving Date : Apr.27, 2012  
Last Information Date : Jun.19, 2012  
MSDS Preparation Period : Apr.27~Jun.19, 2012

Service Requested : Material Safety Data Sheet (MSDS) for the sample with submitted composition.

Summary : As per request, the contents and formats of the MSDS are prepared in accordance with US Regulations Relating to Labor 29 CFR 1910.1200 (g), and is provided per attached.

Signed for and on behalf of  
SGS-CSTC Chemical Laboratory



Lindy Liu  
Lab Manager

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# Material Safety Data Sheet

## 29 CFR 1910.1200

Printing date 06/19/2012

Reviewed on 06/19/2012

### 1 Identification

- **Product identifier**
- **Trade name:** PVC Composite Door Jamb
- **Article number:** Not available.
- **Application of the substance / the preparation:** Door jamb
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
Worldwide Door Components Inc.  
No.588 Xingping No.4 Road, Pinghu E.D.Z, Zhejiang, China 314200  
Tel: 0573-85633007  
Fax: 0573-85633013
- **Information department:** Worldwide Door Components Inc.
- **Emergency contacts:**  
Jessica wu  
Mobile Phone: 13511356562
- **Email:** jessica@worldwidedoor.com
- **Reference Number:** SC120402118-SH; SHAML1206474301

### 2 Hazards identification

- **Hazard description:**  
Irritant  
Irritating to eyes, respiratory system and skin. May cause sensitisation by inhalation and skin contact.
- **Information pertaining to particular dangers for man and environment:**  
The product has been classified as dangerous according to OSHA Hazard Communication Standard (29 CFR 1910.1200).
- **Classification system:**  
The classification is according to the latest edition of OSHA Hazard Communication Standard (29 CFR 1910.1200), and extended by company and literature data.
- **NFPA ratings (scale 0 - 4)**



- **HMIS-ratings (scale 0 - 4)**

HEALTH	2	Health = *2
FIRE	0	Fire = 0
REACTIVITY	0	Reactivity = 0

### 3 Composition/information on ingredients

- **Chemical characterization:** Mixtures
- **Description:** Mixture of the substances listed below with nonhazardous additions.

· **Dangerous components:**

9002-86-2	polyvinyl chloride	55.0%
471-34-1	calcium carbonate	30.0%
	wood sawdust	5.0%
	SAK-CZ78-NP	5.0%
	ACM-J9	3.0%
25322-99-0	Butyl acrylate, methyl methacrylate, butyl methacrylate polymer	2.0%

- **Non dangerous components:** Not applicable.

· **Remark:**

Ingredient polyvinyl chloride is a mixture, which contains 80-100 percent PVC, 0-0.2 percent vinyl chloride and 0-20 percent water. This PVC mixture has the same classification as pure PVC powder listed in above table.

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*Ingredient SAK-CZ78-NP is a mixture, its classification as irritating to eyes is referred to MSDS provided by client.*

*The classifications of Ingredient ACM-J9 and Butyl acrylate, methyl methacrylate, butyl methacrylate polymer as irritating to eyes, respiratory system and skin are referred to relevant MSDS provided by client.*

### 4 First aid measures

- **After inhalation:**

*Supply fresh air and to be sure call for a doctor.*

*In case of unconsciousness place patient stably in side position for transportation.*

- **After skin contact:**

*Immediately wash with water and soap and rinse thoroughly.*

*If skin irritation continues, consult a doctor.*

- **After eye contact:**

*Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.*

- **After swallowing:**

*Rinse out mouth with water.*

*Do not induce vomiting; immediately call for medical help.*

### 5 Firefighting measures

- **Suitable extinguishing agents:**

*CO<sub>2</sub>, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.*

- **Special hazards arising from the substance or mixture:** *No further relevant information available.*

- **Protective equipment:**

*Wear fully protective suit.*

*Mouth respiratory protective device.*

### 6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures:**

*Wear protective equipment. Keep unprotected persons away.*

*Ensure adequate ventilation.*

*Avoid formation of dust.*

*Use respiratory protective device against the effects of fumes/dust/aerosol.*

*Avoid contact with eyes.*

*Avoid contact with skin.*

- **Environmental precautions:** *Do not allow to enter sewers/ surface or ground water.*

- **Methods and material for containment and cleaning up:**

*Pick up mechanically.*

*Dispose contaminated material as waste according to item 13.*

*Ensure adequate ventilation.*

### 7 Handling and storage

- **Handling**

- **Precautions for safe handling:**

*Keep receptacles tightly sealed.*

*Keep away from heat and direct sunlight.*

*Open and handle receptacle with care.*

*Ensure good ventilation/exhaustion at the workplace.*

*Prevent formation of dust.*

- **Information about protection against explosions and fires:**

*Keep ignition sources away - Do not smoke.*

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Normal measures for preventive fire protection.

- **Conditions for safe storage, including any incompatibilities**
- **Requirements to be met by storerooms and receptacles:**  
Store in a cool location.  
Store only in the original receptacle.
- **Information about storage in one common storage facility:**  
Store away from foodstuffs.  
Store away from oxidizing agents.
- **Further information about storage conditions:** Store in cool, dry conditions in well sealed receptacles.

### 8 Exposure controls/personal protection

- **Additional information about design of technical systems:** No further data; see item 7.
- **Control parameters**

· **Components with limit values that require monitoring at the workplace:**

**9002-86-2 polyvinyl chloride**

TLV 1\* mg/m<sup>3</sup>  
\*as respirable fraction

**471-34-1 calcium carbonate**

PEL 15\* 5\*\* mg/m<sup>3</sup>  
\*total dust \*\*respirable fraction  
REL 10\* 5\*\* mg/m<sup>3</sup>  
\*total dust \*\*respirable fraction  
TLV TLV withdrawn

**wood sawdust**

PEL Short-term value: 5 mg/m<sup>3</sup>  
TLV Short-term value: 1 mg/m<sup>3</sup>

- **Additional information:** The lists that were valid during the creation were used as basis.
- **Personal protective equipment**
- **General protective and hygienic measures:**  
Keep away from foodstuffs, beverages and feed.  
Immediately remove all soiled and contaminated clothing.  
Wash hands before breaks and at the end of work.  
Do not inhale gases / fumes / aerosols.  
Avoid contact with the eyes and skin.
- **Breathing equipment:**  
In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.
- **Protection of hands:**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

- **Material of gloves:**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

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- **Penetration time of glove material:**  
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye protection:**



Tightly sealed goggles

### 9 Physical and chemical properties

- **General Information**

- **Appearance:**

Form:	Powder
Color:	Light yellow
Odor:	Odorless

- **pH-value:** Not available.

- **Change in condition**

Melting point/Melting range:	Not available.
Freezing point:	Not available.
Boiling point/Boiling range:	Not available.

- **Flash point:** Not available.

- **Flammability (solid, gaseous):** Not available.

- **Auto-Ignition temperature:** Not available.

- **Decomposition temperature:** Not available.

- **Auto igniting:** Product is not selfigniting.

- **Danger of explosion:** Product does not present an explosion hazard.

- **Explosion limits:**

Lower:	Not available.
Upper:	Not available.

- **Oxidizing properties:** Not available.

- **Vapor pressure:** Not available.

- **Density:** Not available.

- **Relative density** Not available.

- **Vapour density** Not available.

- **Evaporation rate** Not available.

- **Solubility in / Miscibility with**

- **Water:** Not available.

- **Partition coefficient (n-octanol/water):** Not available.

- **Viscosity:**

- **Dynamic:** Not available.

### 10 Stability and reactivity

- **Reactivity** No decomposition if used according to specifications.
- **Chemical stability** Stable under recommended storage conditions.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** Strong oxidizing agents

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· **Hazardous decomposition products:** Hazardous decomposition products formed under fire conditions.

### 11 Toxicological information

· **Acute toxicity**· **LD/LC50 values that are relevant for classification:**

471-34-1 calcium carbonate

Oral	LD50	6450 mg/kg (rat)
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· **Primary irritant effect**· **on the skin:** Irritant to skin and mucous membranes.· **on the eye:** Irritating effect.· **Sensitization:**

Sensitization possible.

Sensitization possible through inhalation.

Sensitization possible through skin contact.

· **Carcinogenic categories**· **IARC (International Agency for Research on Cancer)**

9002-86-2	polyvinyl chloride	3
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· **NTP (National Toxicology Program)**

None of the ingredients is listed.

### 12 Ecological information

· **Persistence and degradability** No further relevant information available.· **Bioaccumulative potential** No further relevant information available.· **Mobility in soil** No further relevant information available.· **Additional ecological information:**· **General notes:**

Water hazard class 1 (Self-assessment): slightly hazardous for water.

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

### 13 Disposal considerations

· **Waste treatment methods**· **Recommendation:**

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

· **Uncleaned packagings**· **Recommendation:** Disposal must be made according to official regulations.

### 14 Transport information

· **UN-Number**· **DOT, ADR, IMDG, IATA**

Not applicable.

· **UN proper shipping name**· **DOT, ADR, IMDG, IATA**

Not applicable.

· **Transport hazard class(es)**· **DOT, ADR, IMDG, IATA**· **Class**

Not applicable.

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Trade name: *PVC Composite Door Jamb*

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· **Packing group**  
 · **DOT, ADR, IMDG, IATA** *Not applicable.*

· **Environmental hazards**  
 · **Marine pollutant:** *No*

· **Special precautions for user** *Not applicable.*

· **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code** *Not applicable.*

### 15 Regulatory information

· **Safety, health and environmental regulations/legislation specific for the substance or mixture**

· **Sara**

· **Section 355 (extremely hazardous substances):**

*None of the ingredient is listed.*

· **Section 313 (Specific toxic chemical listings):**

*None of the ingredients is listed.*

· **TSCA (Toxic Substances Control Act):**

9002-86-2 *polyvinyl chloride*

471-34-1 *calcium carbonate*

25322-99-0 *Butyl acrylate, methyl methacrylate, butyl methacrylate polymer*

· **Proposition 65**

· **Chemicals known to cause cancer:**

*None of the ingredients is listed.*

· **Chemicals known to cause reproductive toxicity for females:**

*None of the ingredients is listed.*

· **Chemicals known to cause reproductive toxicity for males:**

*None of the ingredients is listed.*

· **Chemicals known to cause developmental toxicity:**

*None of the ingredients is listed.*

· **Cancerogenity categories**

· **EPA (Environmental Protection Agency):**

*None of the ingredients is listed.*

· **TLV (Threshold Limit Value established by ACGIH):**

9002-86-2 *polyvinyl chloride*

A4

· **NIOSH-Ca (National Institute for Occupational Safety and Health):**

*None of the ingredients is listed.*

· **OSHA-Ca (Occupational Safety & Health Administration):**

*None of the ingredients is listed.*

· **Hazard symbols:**

*Harmful*

· **Hazard-determining components of labelling:**

*wood sawdust*

· **Risk phrases:**

*Irritating to eyes, respiratory system and skin.*

*May cause sensitisation by inhalation and skin contact.*

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**Trade name: PVC Composite Door Jamb**

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· **Safety phrases:**

*Keep out of the reach of children.*

*Do not breathe dust.*

*Avoid contact with skin and eyes.*

*Wear suitable gloves.*

*In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).*

*Dispose of this material and its container to hazardous or special waste collection point.*

*In case of accident by inhalation: remove casualty to fresh air and keep at rest.*

· **National regulations**

· **Water hazard class:** Water hazard class 1 (Self-assessment): slightly hazardous for water.

**16 Other information**

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*The contents and format of this MSDS/SDS are in accordance with 29 CFR 1910.1200(g).*

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