

Safety Data Sheet

According To Regulation (EC) No 1907/2006 (REACH)

PVC EDGE BANDING

Version: 1.0
Form No: 110002

Print Date: 22.08.2011
Revision Date: 29.04.2011

1. IDENTIFICATION OF THE PRODUCT AND OF THE COMPANY/UNDERTAKING

1.1. Product Identifier

Product Name PVC EDGE BANDING
SDS No 110002

1.2. Relevant Identified Uses Of The Product And Uses Advised Against

Relevant Identified Uses Industrial Decorative Edge Trim for Furniture Manufacturing
Uses Advised Against See chapter 16 for a general overview

1.3. Details Of The Supplier Of The Safety Data Sheet

Supplier (Manufacturer) PORTAKAL AHSAP URETIM VE PAZARLAMA LTD.STI
Address Akse Mah. Nazım Hikmet Cad. No: 22
Cagdaskent Cayirova/KOCAELI
Telephone +90 262 742 38 21
Fax +90 262 742 38 27
Company E-mail info@portakalpvc.com
Company Web Page www.portakalpvc.com

1.4. Information Providing Authority About Safety Data Sheet

Cigdem OZMEN – chemical engineer

1.5. Emergency Telephone Number

Company Emergency +90 262 742 38 21

2. HAZARDS IDENTIFICATION

2.1. Classification Of The Product

2.1.1 Classification According to Regulation (EC) No 1272/2008

- Not classified as dangerous

2.2.1 Classification According to Regulation 67/548/EC

- Not classified as dangerous

2.2. Label elements

2.2.1. Labeling According to Regulation (EC) No 1272/2008 [CLP¹/GHS²]

Product Identifier

Product :
PVC Edge Banding
Hazard Component for Labeling
· Not applicable

Hazard Pictograms

- Not Applicable

Signal Word

Not Applicable

Hazard Statements

- Not applicable

Precautionary Statements

Prevention

Not Required

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Response	
	Not Required
Storage	
	Not Required
Disposal	
P501	Dispose of contents/container to in accordance with local/regional/national/international regulations.
Supplemental Hazard Information (EU) Statements	
	No data available.
2.2.2. Labeling According to Regulation to 67/548/EEC	
Hazard Description	
· This product is not classified as dangerous according to the EC Regulation No. 67/548/EEC	
Hazard Component for Labeling	
· Not Applicable	
Hazard Symbols	
· Not Applicable	
Risk Phrases	
· Not Applicable	
Safety Phrases	
· Not Applicable	
2.2.3. Special Rules For Supplemental Label Elements For Certain Mixtures	
None.	
2.2.4. Additional Labeling	
Not required.	
2.3 Hazard Identification	
2.3.1. Skin Contact	
May cause skin irritation.	
2.3.2. Eye Contact	
May cause eye irritation in direct contact	
2.3.3. Ingestion	
May cause discomfort if swallowed	
2.3.4. Inhalation	
May cause irritation in fire	
2.3.5. Long term effects	
No data available.	
2.3.6. Adverse Environmental Effects	
Take the necessary precautions if the spread of the environment and should act in accordance with local regulations.	
2.4. Additional Information	
Full text of R-, H- and EUH-phrases: see section 16	

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3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Description Of The Product

- PVC

3.2 Hazardous ingredients

- Not applicable

3.3 Additional information

- Full text of R-, H- and EUH-phrases: see section 16.

4. FIRST AID MEASURES

4.1 Description of first aid measures

4.1.1 General information

- Does not require special measures.

4.1.2 Following inhalation

- Remove the affected user to a well-ventilated area



4.1.3 Following skin contact

- Non-Toxic



4.1.4 Following eye contact

- Irritant only on contact, bathe area affected.



4.1.5 Following ingestion

- Under normal condition there is no probable route of ingestion.



4.1.6 Self-protection of the first aider

- Not relevant

4.2 Indication of any immediate medical attention and special treatment needed

- Treat symptomatically.

5. FIRE-FIGHTING MEASURES

5.1 General Information and Flammable Properties

- The product itself does not burn.

5.2 Extinguishing media:

- Carbon Dioxide Blanket, Water Spray, Dry Powder, Foam

5.3 Special hazards arising from the product

- May emit Hydrogen Chloride (HCL) or Carbon Monoxide (CO), Oxides of Nitrogen (NOx), other hazardous materials, and smoke are all possible.

5.4 Advice for fire-fighter

Fire Fighting:

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- Full-face self-contained breathing apparatus (SCBA) used in positive pressure mode should be worn to prevent inhalation of airborne contaminants.

Fire/Explosion Hazard:

- None

5.5 Additional information

- Water used to extinguish fire should not enter drainage systems, soil, or stretches of water.
- Ensure there are sufficient retaining facilities for water used to extinguish fire.
- Contaminated fire-extinguishing water must be disposed of in accordance with the regulations issued by the appropriate local authorities

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

- See section 8.

6.2 Environmental precautions

- Do not let product enter drains.
- If contamination of sewers or waterways has occurred advise emergency services or local regulatory body.
- Spillages or uncontrolled discharges into watercourses must be alerted to the Environmental Agency or other appropriate regulatory body.
- See section 12.

6.3 Methods and material for containment and cleaning up

6.3.1 For containment

- Clean up all spills immediately.
- Avoid contact with skin and eyes.
- Place spilled material in clean, dry, sealed container.

6.3.2 For cleaning up

- Containers with collected spillage must be properly labeled with correct contents.

6.3.3 Other information

- Keep in suitable, closed containers for disposal.

6.4 Reference to other sections

- Personal Protective Equipment advice is contained in Section 8
- Dispose of contaminated material as waste in accordance with section 13.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

7.1.1 Protective measures

Safe handling

- Read and follow manufacturer's recommendations.
- Avoid contact with skin and eyes.
- Wash hands after handling.

Fire preventions

- See section 5

Aerosol and dust generation preventions:

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- Not relevant

Environmental precautions:

- If contamination of sewers or waterways has occurred advise emergency services or local regulatory body.

7.1.2 Advice on general occupational hygiene

- Do not eat, drink, or smoke in areas where the material is used.
- Wash thoroughly after handling the material.
- Remove contaminated clothing and protective equipment before entering eating areas.

7.2 Conditions for safe storage, including any incompatibilities

Suitable container:

- Packaging as recommended by manufacturer.
- Check all containers are clearly labeled.

Storage incompatibility

- None

7.3 Advice on common storage

- Store in tightly closed original containers.
- Store in a cool, dry, well-ventilated area.
- Store away from incompatible materials and foodstuff containers.
- Protect containers against physical damage and check regularly for leaks.
- Observe manufacturer's storing and handling recommendations.

7.4 Specific precautions on storage

- Avoid reaction with oxidising agents

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters

Preventive industrial and medical examinations must be carried out according to the application area.

8.1.1 Occupational exposure limits

No data available

8.2 Exposure controls

8.2.1 Appropriate engineering controls:

- See Section 7

8.2.2 Personal protection equipment

8.2.2.1 Eye / Face protection:

- Not required

8.2.2.2 Skin protection

- For prolonged or repeated skin contact use suitable protective gloves.
- The most suitable glove must be chosen in consultation with the gloves manufacturer or supplier, who can inform about the breakthrough time of the glove material.
- Wear chemical protective gloves, e.g. PVC.
- Wear safety footwear or safety gumboots, e.g. Rubber



Body protection

- Use body protective clothing if heavy exposure exists or necessary.

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Other protection

- Overalls.
- P.V.C. apron.
- Barrier cream.
- Skin cleansing cream.
- Eye wash unit.

8.2.2.3 Respiratory protection

Not required.

8.2.3 Environmental exposure controls

- See section 12
- Legislation for the protection of the environment must be met in full.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Important health, safety and environmental information

9.1.1 Appearance

Form/Physical State	Solid
Color	According to the product specificatrion
Odor	None

9.2 Safety relevant basic data

Data	Value
pH	Not Applicable
Melting point / Freezing point (°C)	Not Available
Boiling point/range (°C)101,3 kPa	Not Available
Flash Point (°C) COC	390-700
Auto Ignition temperature (°C)	>450
Density gr/cm ³	1,38 @20°C
Solubility in water	Insoluble
Volatility	Negligible
Explosive Property	None explosive

Note: The above features was determined according to prescribed methods at the Classification, Packaging and Labeling of Hazardous Substances Regulation Section A-3 or a method comparable to the other.

10. STABILITY AND REACTIVITY

10.1 Reactivity

- See Section 7.2

10.2 Chemical stability

- Very Stable

10.3 Possibility of hazardous reactions

- Under normal usage none.
- However, harsh chemicals such as Ketones, Toluenes, Acetones and other similar solvents may melt or react with the surface finish.

10.4 Conditions to avoid:

- Avoid reaction with oxidising agents

10.5 Incompatible materials:

- See Section 7.2

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10.6 Hazardous decomposition products:

- Hydrochloric acid can be formed if product is heated to the point of burning and then in the presence of water may form Hydrochloric Acid.

10.7 Hazardous polymerization:

- Will not occur.

11. TOXICOLOGICAL INFORMATION

11.1. General Information

Toxicity Overview:

Under normal working conditions this product does not represent any unusual health hazards, however as any industrial product the normal precautions should be taken when machining or applying.

11.2. Acute toxicity

No data Available

11.3. Skin corrosion/irritation and Eye damage/irritation:

Skin irritation or corrosion

Assessment of available human and animal data,	No data available
Assessment of the acid or alkaline reserve In vitro studies	No data available
In vivo skin irritation	Slightly irritating

Eye irritation

Assessment of available human and animal data,	No data available
Assessment of the acid or alkaline reserve In vitro study	No data available
In vivo eye irritation	Mildly irritating

11.4. Chronic Toxicity

11.4.1. CMR effects (Carcinogenity) :

Not listed as carcinogenic.

11.4.2. CMR effects (Mutagenicity and Toxicity for reproduction) :

Reason for no classification: conclusive but not sufficient for classification

11.5. Other Toxicological Effects:

Allergic Effects	No known adverse effects
Effects on Repeated Doses	Repeated and long term exposure may cause skin dryness or cracking.
Sensitization	No known adverse effects
Developmental Toxicity (Teratogenicity)	No known adverse effects
Fertility	No known adverse effects

11.6. STOT-single/repeated exposures:

STOT-single exposure	No data available
STOT-repeated exposure	No data available

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11.7. Symptoms related to the physical, chemical and toxicological characteristics:

In case of inhalation	No known adverse effects
In case of skin contact	May cause skin irritation.
In case of eye contact	May cause eye irritation.
In case of ingestion	May cause discomfort if swallowed

11.8. Additional Toxicological Information:

- Toxicological classifications are based on available knowledge and information
- EEC classification : None
- The special effects to health are considered by taking into account the information in section 3.

12 ECOLOGICAL INFORMATION

12.1 Eco toxicity:

No data available for LC50, EC50 for the products.

12.2 Photo degradation

No data available.

12.3 Effects on Waste Water Treatment Plants

Product has inhibitory effects on the activities of micro-organisms, whether the information is not related, the likely impact on waste water treatment plants is unknown.

12.4 Mobility

- No data available

Water threat class	No data available
Clean Water Impact	No data available
Known or predicted environmental distribution	No data available

12.5 Results of PBT and vPvB assessment

Biotic	
Ready biodegradability:	Not applicable
Abiotic:	
Hydrolysis as a function of pH:	Not applicable
Photolysis:	Not applicable
Atmospheric oxidation:	Not applicable

· Persistence and degradability:

Decomposition Potential of the products	None.
The half-life of degradation	Not known
Potential degradation of product content in the evaluation of wastewater treatment plants	No data available

· Bioaccumulation Potential :

Biological environment (biota) accumulation potential	Not applicable
Potential - nutrients pass through	Not applicable
Reference Values - Log K_{ow} , S_w and BCF	No data available

12.6 Additional information

- Do not allow to be released into the environment

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- See the sections 6, 7, 13, 14 and 15.

13. DISPOSAL CONSIDERATIONS

13.1. Product / Packaging disposal

- In agreement with the waste code must be determined regional waste disposal authority or company.
- Dispose of as special waste in compliance with local and national regulations.
- Do not contaminate ponds, waterways or ditches with chemical or used container.
- Offer surplus and non-recyclable solutions to a licensed disposal company.
- Recycle wherever possible or consult manufacturer for recycling options.
- Recycle containers if possible, or dispose of in an authorized landfill.

13.2. Contaminated packaging

- If there is product residue in the emptied container, follow directions for handling on the container's label.

13.3. Disposal Methods

- Dispose of chemicals waste or in accordance with local regulations.
- Follow all applicable local laws, rules and regulations regarding the proper disposal of this material.
- If this product has been altered or contaminated with other hazardous materials, appropriate waste analysis may be necessary to determine proper method for disposal.

13.4. European Waste Catalogue

- Not listed

14. TRANSPORT INFORMATION

This product is not covered by international regulation on the transport of dangerous goods (IMDG,IATA,ADR/RID).

	ADR ³ /RID ⁴	ADNR ⁵	IMDG ⁶	ICAO ⁷ /IATA ⁸
TRANSPORTATION	Road	River	Marine	Airways
PROPER SHIPPING NAME	None			
UN/ID No.	-	-	-	-
CLASS	-	-	-	-
PACKAGING GROUP				
LABELLING NO	-			
CLASSIFICATION CODE	-	-	-	-
HAZARD NO (HIN NO)	-			
EmS			-	
MARINE Pollutant			-	

Road Transport Notes: This product is NOT regulated as a hazardous material.

15. REGULATORY INFORMATION

15.1. Safety, Health And Environmental Regulations / Legislation Specific For The Substance

Some of ingredients of this product is found on the following regulatory lists;

- "European Chemicals Agency (ECHA) List of substances identified for registration in

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2010",

- "European Union - European Inventory of Existing Commercial Chemical Substances (EINECS) (English)",
- "European Union (EU) Annex I to Directive 67/548/EEC on Classification and Labelling of Dangerous Substances - updated by ATP: 31",
- "European Union (EU) Regulation (EC) No 1272/2008 on Classification, Labelling and Packaging of Substances and Mixtures - Annex VI",
- "GESAMP/EHS Composite List - GESAMP Hazard Profiles",
- "IMO IBC Code Chapter 17: Summary of minimum requirements",
- "International Fragrance Association (IFRA) Survey: Transparency List",
- "OECD Representative List of High Production Volume (HPV) Chemicals"

This safety data sheet is in compliance with the following EU legislation and its adaptations – as far as applicable - :

- 1907/2006/EC ,67/548/EEC, 1999/45/EC, 76/769/EEC, 98/24/EC, 92/85/EEC, 94/33/EC, 91/689/EEC, 1999/13/EC,

15.2. Chemical Safety Assessment

15.2.1 HAZARD

None.

CLP classification according to Annex VI of CLP (Regulation (EC) No 1272/2008)

15.2.2 RISK

None

15.3. Label Elements

- This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006 and ISO 11014:2009. This product is classified according to EU Directive 67/548/EC and GHS/CLP.
- System of specific information relating to Dangerous Preparations: 2001/58/EC as amended by Directive 93/112/EC, 2001/58/EC and 2006/8/EC.

16. OTHER INFORMATION

16.1 Other information

- For additional information regarding **PORTAKAL AHSAP LTD** Products please contact the **PORTAKAL AHSAP LTD** Technical Services Department +90 262 742 38 21 The above information complies with the 199/45/EC and 1907/2006 Directives and their amendments.
- In all cases of potential poisoning supportive therapy is of the utmost importance.
- If medical professionals require advice regarding first aid treatment, all **PORTAKAL AHSAP LTD** products are registered with the Turkish National Poisons Unit (UZEM), UZEM local telephone no : 114

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- For detailed advice on Personal Protective Equipment, refer to the following EU CEN Standards:
 - ✓ EN 16 Personal eye-protection
 - ✓ EN 340 Protective clothing
 - ✓ EN 374 Protective gloves against chemicals and micro-organisms
 - ✓ EN 13832 Footwear protecting against chemicals
- EN 133 Respiratory protective devices

16.2 Related Person

- Cigdem OZMEN - PORTAKAL AHSAP LTD
- Prepared by : Mr. Selcuk Bilgin – Ch.Eng. (sbilgin@doruksistem.com.tr)
- Competent Person Accreditation no: TSE GBF-0348 25/5/2009-TR
- info@msdsmarket.com.tr (contact for further information if needed)

16.3 Revision Date, Version and SDS no

- Date : April 29th , 2011
- Version : 1.0/EN
- MSDS No : 110002

16.4 Reason of re-issue

- First revision

16.5 Relevant R-, H- and EUH-phrases (number and full text):

- None

16.6 Legal disclaimer

- The purpose of the above information is to describe the products only in terms of health and safety requirements.
- The information given should not, therefore, be construed as guaranteeing specific properties or as specification.
- Customers should satisfy themselves as to the suitability and completeness of such information for their own particular use.
- The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication.
- The above information relates only to the specific material(s) designated herein and may not be valid for such material(s) used in combination with any other materials or in any process or if the material is altered or processed, unless specified in the text.
- The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. Due to the many factors outside our control when using this product, we cannot accept liability for any injury, accident, loss or damage caused through its use.

¹ CLP: Classification Labelling and Packaging

² GHS: Global Harmonised System

³ ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road

⁴ RID: Regulations Concerning the International Transport of Dangerous Goods by Rail

⁵ ADN: European Agreement Concerning the International Carriage of Dangerous Goods by Inland Waterways

⁶ IMDG: International Maritime Code for Dangerous Goods

⁷ ICAO: International Civil Aviation Organization

⁸ IATA: International Air Transport Association