



# SAFETY DATA SHEET

According to Regulation (EU) 2015/830 and Regulation (EC) No 1907/2006

<b>Product Name</b>	<b>Polyvinyl Chloride</b>	<b>Print Date</b>	21.03.1995
		<b>Revision Date</b>	23.06.2017
<b>Form Number</b>	UR.10-BF-TE001-ING	<b>Revision No.</b>	11
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## SECTION 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1. Product Identifier

<b>Substance Name</b>	Polyvinyl Chloride
<b>EC No.</b>	Not available
<b>REACH Registration No.</b>	Monomer of Polyvinyl Chloride is Vinyl Chloride Monomer registered by 01-2119458772-30-0065
<b>CAS No.</b>	9002-86-2

### 1.2. Relevant identified uses of the substance or mixture and uses advised against :

#### Relevant identified uses :

S 23/59	Opaque or transparent rigid bottles, plates, film, pipe, profile and fittings.
S 27/R 63	Rigid pipes and profiles.
S 39/71	Insulation and sheeting of cables, sole of shoes, flexible and semi rigid profiles and pipes, flexible films and plates, toys.
S 65/R 68	Rigid pipes and profiles.
Wet PVC	Floor coating.

### 1.3. Details of the Supplier of the safety data sheet

<b>Manufacturer/Supplier</b>	PETKIM Petrokimya Holding A.S. P.O. Box 12 TURKEY/35800/Aliaga-Izmir
<b>Telephone Number</b>	+90 232 616 12 40 (10 lines)
<b>Fax Number</b>	+90 232 616 12 48
<b>E-Mail of Competent person responsible for the SDS</b>	baacar@petkim.com.tr

### 1.4. Emergency telephone number

<b>Opening hours</b>	08:00-18:00
<b>Emergency Telephone Number</b>	+90 232 616 12 40 (Ext. 1363/1370)

## SECTION 2. HAZARDS IDENTIFICATION

### 2.1. Classification of the substance or mixture

#### 2.1.1. Classification according to Regulation EU CLP 2008 (1272/2008/EC)

Not hazardous and not classified

#### 2.1.2. Additional information

<b>Physical and chemical hazards</b>	Not classified
<b>Human health hazards</b>	Not classified
<b>Environmental hazards</b>	Not classified

### 2.2. Label elements

<b>Hazard Pictograms</b>	Not applicable
<b>Signal Words</b>	Not applicable
<b>Hazard Statement Code(s)</b>	Not applicable
<b>Precautionary Statement Code(s)</b>	Not applicable

### 2.3. Other hazards

High concentration of dust may be irritant to the respiratory tract. May cause physical abrasion in contact with skin and eyes. A weakly flammable dust. PVC grades may contain traces of vinyl chloride monomer (VCM).

## SECTION 3. COMPOSITION/ INFORMATION ON INGREDIENTS

### 3.1. Substances

Substances / Ingredient	Identifier	%	Classification
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Polyvinyl Chloride	RRN: Not available EC: Not available CAS: 9002-86-2	100	<b>EC No. 1272/2008</b>  NA
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### 3.2. Mixtures

No data available

## SECTION 4. FIRST AID MEASURES

### 4.1. Description of first aid measures

#### Eye Contact

Remove contact lenses, if worn. Flush eyes with lukewarm water for at least 15 minutes, while holding eyelids open. Get medical help if needed.

#### Skin Contact

Flush contaminated skin with plenty of water and soap. Remove contaminated clothing. Get medical help if needed.

#### Ingestion

Remove to fresh air. Wash mouth with water. If the product has been swallowed drink small quantities of water and seek immediate medical attention.

#### Inhalation

Remove to fresh air. Person with allergic symptoms should seek advice from medical personnel.

### 4.2. Most important symptoms and effects, both acute and delayed

No additional information available

### 4.3. Indication of any immediate medical attention and special treatment needed

No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled

## SECTION 5. FIREFIGHTING MEASURES

### 5.1. Extinguishing media

In case of fire all means of extinguishing are acceptable. Dry chemical, CO<sub>2</sub>, foam.

### 5.2. Special hazards arising from the substance or mixture

Upon decomposition (>120 °C), this product emits carbon monoxide, carbon dioxide, and/or hydrogen chloride and smokes.

### 5.3. Advice for firefighters

Position upwind. Keep unnecessary personnel away. Set up to fight fire at a safe distance. Fire fighters should wear full-face, self-contained breathing apparatus and impervious protective clothing. Clean contaminated equipment before wearing. Avoid dispersing the dust into clouds when using the extinguishing means. After the fire, proceed rapidly to clean the surfaces exposed to the fumes in order to limit the damage to the equipment.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

### 6.1. Personal precautions, protective equipment and emergency procedures

Avoid excessive dust. Wear appropriate protective equipment and clothing during clean-up

### 6.2. Environmental Precautions

Prevent entry into sewers, drains, underground or confined spaces, water intakes and waterways. Do not flush to drain.

### 6.3. Methods and material for containment and cleaning up

Clean up uncontaminated material and recycle into process. Place unusable material into closed, labeled container compatible with the product. Dispose of waste in accordance with applicable federal, state, and local environmental laws and regulations.

### 6.4. Reference to other sections

See section 4

## SECTION 7. HANDLING AND STORAGE

### 7.1. Precautions for safe handling

Use properly grounded electrically conductive materials for piping circuits and equipment. No smoking or open flames permitted in storage, use, or handling areas.



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## 7.2. Conditions for safe storage, including any in compatibilities

Storage area should be clearly identified, well illuminated, clear of obstruction and accessible only to trained and authorized personnel. Store in a well ventilated and cool area. Storage and Transport Temperature : Ambient condition. Max 70 °C.

## 7.3. Specific end use(s)

No data available

## SECTION 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

### 8.1. Control parameters

An eyewash and safety shower should be nearby and ready for use.

### Exposure limits / standards

Exposure Limits	ACGIH TWA/STEL	OSHA PEL/STEL
PVC	10 mg/m <sup>3</sup> (Inhalant PNOC)	15 mg/m <sup>3</sup> (Total dust)

### 8.2. Exposure controls

#### 8.2.1. Appropriate engineering controls

Not information available

#### 8.2.2. Personal Protection equipment

##### 8.2.2.1. Eye and face protection

Use protective chemical goggles in high dust concentrations.

##### 8.2.2.2. Skin/Hand/Feet Protection

Wear boots, apron, long sleeves and other protective clothing suitable for use to prevent contact with the skin. Wear cotton gloves. Observe good hygiene practices when handling this product including changing work clothes after use. Do not eat, drink or smoke in areas where this material is handled.

##### 8.2.2.3. Respiratory protection

In case of dust clouds, wear dust mask. In case of decomposition wear air-supplied breathing apparatus devices.

#### 8.2.3. Environmental exposure controls

No information available

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

a) Appearance	Powder Solid
b) Odour	Odorless
c) Odour Threshold	Not available
d) Colour	White
e) Boiling Range	Not applicable
f) Melting Range	>100 °C
g) Flash Point	390 °C
h) Autoignition Temperature	450 °C
i) Vapor Pressure (20°C) (hPa)	Not applicable
j) Relative Density	0.950-0.970
k) Solubility (20°C) (mg/L)	Insoluble in water
l) Vapour Density	Not available
m) Explosion Limits (in air)	Not applicable
n) Min. Ignition Energy (20°C) (mJ)	Not applicable
o) pH Value (Concentrated Product)	Not applicable
p) Dynamic Viscosity (mPa·s)	Not applicable

### 9.2. Other information

No information available.



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## SECTION 10. STABILITY AND REACTIVITY

### 10.1. Reactivity

Stable under normal conditions.

### 10.2. Chemical stability

This product is stable under normal conditions of use.

### 10.3. Possibility of hazardous reactions

Not applicable

### 10.4. Conditions to avoid

Avoid all possible sources of ignition, heat and flames.

### 10.5. Incompatible materials

Reacts violently with Fluorine (F2). Incompatible with oxidizing materials (sulphuric acid, nitric acid)

### 10.6. Hazardous decomposition products

Under normal conditions of use, hazardous decomposition products should not be produced. Thermal degradation may occur. (Hydrochloric acid, carbon monoxide, carbon dioxide.)

## SECTION 11. TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

Toxicity	Inhalation LC 50	Dermal LD 50	Oral LD 50
Polyvinyl Chloride	Not available	Not available	Not available

### b) Ingestion:

No specific data.

### c) Inhalation:

Exposure above limits may cause irritation of the nose or throat. Smoke from a fire emergency may cause respiratory irritation.

### d) Skin contact:

Product is not considered toxic.

### e) Eye contact:

It can cause irritation if direct contact occurs

## SECTION 12. ECOLOGICAL INFORMATION

### 12.1. Toxicity

#### Ecotoxicity

PVC resins and products hasn't been assigned as ecotoxic materials.

### 12.2. Persistence and degradability

Not available. It's not expected to give reaction in soil, air and water media.

### 12.3. Bioaccumulative potential

The product is biologically inert and non degradable. There is no data for about bioaccumulation.

### 12.4. Mobility in Soil

Not available

### 12.5. Results of PBT and vPvB assessment

Not applicable

### 12.6. Other adverse effects

No information available

### 12.7. Additional information

Insoluble in water.



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## SECTION 13. DISPOSAL CONSIDERATIONS

### 13.1. Waste treatment methods

#### Waste Product

Do not dump into any sewers, on the ground, or into any body of water. Any disposal practice must be in compliance with local, state and federal laws and regulations (contact local or state environmental agency for specific rules). Waste characterization and compliance with applicable laws are the responsibility of the waste generator.

#### Hazardous Waste

PVC is not a listed hazardous. However, state and local regulations for waste disposal may be more restrictive. Spilled product should be disposed of in an approved disposal facility in accordance with applicable national, state and local environmental laws and regulations.

## SECTION 14. TRANSPORT INFORMATION

### 14.1. UN Number

**UN Number** Not applicable

### 14.2. UN Proper Shipping Name

**Shipping Name** Not applicable

### 14.3./14.4./14.5. Transport Hazard Class(es)/Packing Group/Environmental Hazards

**ADR/RID/ADNR Regulation** It is not classified as hazardous substance in under current transportation regulation

**IMDG ( Marine Transportation )** It is not classified as hazardous substance in under current transportation regulation

**ICAO/IATA** It is not classified as hazardous substance in under current transportation regulation

### 14.6. Special Precautions For User

Not required

### 14.7. Transport in Bulk According to Annex II MARPOL 73/78 and the IBC Code

Not applicable

## SECTION 15. REGULATORY INFORMATION

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

#### Classification and Labeling According to regulation EU CLP 2008 (1272/2008/EC)

**EU regulation** Classification and labeling have been determined according to EU Directive 67/548/EEC, 1999/45/EC (including amendments) and ( EC ) No. 1907/2006 Regulation take into account the intended product use.

### 15.2. Chemical Safety Assessment

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

## SECTION 16. OTHER INFORMATION

OSHA	Occupational Safety Health Administration
PEL	Permissible Exposure Level
ACGIH	American Conference of Governmental Industrial Hygienists, Inc
TLV	Threshold Limit Value

The information's given here depends on our present knowledge. Related National and International Legislation and Agreements should be considered by customer with their responsibility.