



<b>Safety Data Sheet</b> <b>SDS</b>	<b>Form No</b>	SDS-COMP-EN
	<b>Issue Date</b>	01.01.2013
<b>PlastayCOMPOUNDS</b> <b>Soft/Rigit PVC COMPOUND</b>	<b>Revision Date</b>	20.06.2025
	<b>Revision No</b>	2

Prepared in accordance with the REACH Regulation (EC )1907/2006, CLP Regulation (EC) 1272/2008 and Regulation (EU) 2015/830

## SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1. Product identifier

**Trade name** PlastayCompounds

**Product name** PVC Granule

**Product identifier** PVC Granule is a raw material developed with the help of additives (PVC, Stabilizer, phthalate-free plasticizer and other additives) that add heat, light, softness, hardness, impact and tensile strength of PVC raw material.

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

**Identified uses** PVC has two usage areas as rigid and flexible. Rigid PVC is mostly used for pipes, window profiles, wall coverings, etc. used in the fields. Soft or flexible PVC types are mostly used in the production of shoes, cable industry, flooring, hose, toys, balls and gloves.

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

**Manufacturer** PLASTAY Kimya San. Tic. A.Ş.  
GGOSB İnönü Mah. Atatürk Bulv. No:22  
Gebze /KOCAELİ - TURKEY  
Phone :+90 262 679 53 00

**Contact Person** Melike ÖZKAN (Mrs)

### 1.4. Emergency telephone number

**24 Hour Emergency Contact** : 112  
**National Capital Poison Center** : 114  
**Emergency Phone of the Company** : +90 (262) 679 53 00 (08:30-18:00)

## SECTION 2: HAZARDS IDENTIFICATION

### 2.1. Classification of the substance or mixture

#### Classification (EC 1272/2008)

Physical and Chemical Hazards	Not classified.
Human health	Not classified.
Environment	Not classified.

### 2.2. Label elements

#### Label In Accordance With (EC) No. 1272/2008

No applicable GHS categories.

### 2.3. Other hazards

This product does not contain any PBT or vPvB substances.



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### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.1. Substance

Not applicable.

#### 3.2. Mixtures

Component	EC No.	CAS No.	wt (%)	Classification
PVC (Polyvinyl Chloride)	618-338-8	9002-86-2	35-50	Not classified
Bis-(2-ethyhexyl) terephthalate	229-176-9	6422-86-2	20-40	Not classified
Filler	207-439-9	471-34-1	0-50	Not classified
Stabilizer	-	-	< 5	Not classified
Pigment	-	-	< 1	Not classified
Other	-	-	< 1	Not classified

#### Composition Comments

- The data shown are in accordance with the latest EC Directives.

### SECTION 4: FIRST AID MEASURES

#### 4.1. Description of first aid measures

##### Inhalation

Powder form may become airborne during handling, resulting in potential inhalation exposure. Vapors or fumes emitted during processes involving elevated temperatures may be inhaled if not adequately ventilated.

##### Ingestion

Slightly toxic by ingestion. Powder form may become airborne during handling, resulting in the potential for incidental ingestion. Vapors or fumes emitted during processes involving elevated temperature may be ingested at low levels. Adequate ventilation should be provided.

##### Skin contact

Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.

##### Eye contact

Vapors or fumes emitted during processes involving elevated temperatures may cause eye irritation. Dust resulting from the handling of powder may be irritating to the eyes.

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

**Inhalation** : Upper respiratory tract irritation. Cough.

**Ingestion** : Nausea, vomiting.

**Skin contact** : Irritation, redness. May cause sensitisation by skin contact. Allergic reaction.

**Eye contact** : Irritation, redness.

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



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Treat Symptomatically.

## SECTION 5: FIREFIGHTING MEASURES

### 5.1. Extinguishing media

#### Extinguishing media

This product is not flammable. Extinguish with foam, carbon dioxide, dry powder or water fog.

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

#### Specific hazards

In case of fire, toxic gases may be formed. Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).

### 5.3. Advice for firefighters

#### Special Fire Fighting Procedures

Avoid breathing fire vapours. Move container from fire area if it can be done without risk.  
If possible, fight fire from protected position.

#### Protective equipment for fire-fighters

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.  
Face mask, protective gloves and safety helmet.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

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

Wear protective clothing as described in Section 8 of this safety data sheet. Avoid contact with skin and eyes.

### 6.2. Environmental precautions

Avoid discharge into drains, water courses or onto the ground.

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

**Large Spillages:** Remove spillage with vacuum cleaner. If not possible, collect spillage with shovel, broom or the like.

**Small Spillages:** Remove small spills with vacuum cleaner.

### 6.4. Reference to other sections

For personal protection, see section 8.

See section 11 for additional information on health hazards.

For waste disposal, see section 13.

## SECTION 7: HANDLING AND STORAGE

### 7.1. Precautions for safe handling

Do not eat, drink or smoke when using the product. Protect against direct sunlight.

Prevent formation of dust. In case of dust formation use the appropriate mask.

Read and follow manufacturer's recommendations. Avoid contact with skin and eyes.

### 7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed original packaging in a dry and cool place. Guaranteed shelf life in a closed area is 1 year from the date of manufacture; 3 years from the date of manufacture under long storage conditions at a temperature between +5 °C and +35 °C under normal storage conditions. Storage in roofed warehouse is dry and ventilated to avoid moisture, insect, termite, mouse.

### 7.3. Specific end use(s)

The identified uses for this product are detailed in Section 1.2.



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## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

Component	CAS No.	Standard	TWA-8 Hours
PVC (Polyvinyl Chloride)	9002-86-2	OSHA	15 mg/m <sup>3</sup>
		ASGIH	10 mg/m <sup>3</sup>
		NIOSH	10 mg/m <sup>3</sup>
Filler	471-34-1	OSHA	-
		ASGIH	1 mg/m <sup>3</sup>
		NIOSH	-

### 8.2. Exposure controls

#### Protective equipment



#### Process conditions

Provide eyewash, quick drench.

#### Engineering measures

Provide adequate ventilation. Observe Occupational Exposure Limits and minimise the risk of inhalation of dust.

#### Respiratory equipment

If ventilation is insufficient, suitable respiratory protection must be provided.

#### Hand protection

Use gloves chemically resistant to this material when prolonged or frequently repeated contact occurs. Use chemical resistant gloves classified under Standard EN374.

#### Eye protection

Wear dust resistant safety goggles where there is danger of eye contact.

#### Hygiene measures

Wash hands after contact. Change work clothing daily before leaving work place.  
Wash contaminated clothing before reuse. When using do not eat, drink or smoke.

#### Skin protection

Wear apron or protective clothing in case of splashes.

#### Environmental Exposure Controls

Please act in accordance with local and national laws.



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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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

<b>Appearance</b>	Granule
<b>Colour</b>	Optional
<b>Odour</b>	Odorless
<b>pH Value</b>	Not applicable
<b>Melting Point</b>	>300°C
<b>Boiling Point</b>	Not applicable
<b>Flash Point</b>	Not applicable
<b>Relative Density</b>	1,10–1,90 g/cm <sup>3</sup>
<b>Solubility</b>	Not applicable
<b>Partition Coefficient (n-octanol/water)</b>	Not applicable
<b>Viscosity</b>	Not applicable

### 9.2. Other information

No information required.

## SECTION 10: STABILITY AND REACTIVITY

### 10.1. Reactivity

No specific reactivity hazards associated with this product.

### 10.2. Chemical stability

Stable under normal temperature conditions and recommended use. Stable under the prescribed storage conditions.

### 10.3. Possibility of hazardous reactions

#### Hazardous Polymerisation

Unknown.

### 10.4. Conditions to avoid

Avoid exposure to high temperatures or direct sunlight.

### 10.5. Incompatible materials

#### Materials To Avoid

No incompatible groups noted.

### 10.6. Hazardous decomposition products

None under normal conditions. During fire, toxic gases (CO, CO<sub>2</sub>) are formed.



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	<b>Revision No</b>	2

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## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

<b>Acute toxicity doz 1- LD 50</b>	>10.000 mg/kg	(oral - rat)	Reference : Löser (1972)
<b>Acute toxicity cons. - LC 50</b>	>6.8mg/L/4hours	(inhalation, - rat)	Reference : Klimisch and Freisberg (1982)

- **Serious eye damage/irritation**

Not irritating

- **Skin irritation and corrosive**

Not irritating

- **Skin sensitization**

No known sensitization effects.

- **Germ Cell Mutagenicity**

The substance was not mutagenic in bacteria. The substance was not genotoxic in mammalian cell culture.

- **Carcinogenicity**

This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC, ACGIH or NTP.

- **Reproductive Toxicity**

This product is not toxic (T) based on results from chronic aquatic toxicity studies that show no effects at levels equal to or even exceeding its maximum water solubility and mammalian toxicity studies that support not classifying PVC GRANULE as carcinogenic, mutagenic, or toxic for reproduction.

- **STOT-Single Exposure**

Not classified based on available information.

- **STOT-Repeated Exposure**

Not classified based on available information.

- **Aspiration Toxicity**

Not classified based on available information

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1. Toxicity

#### Ecotoxicity

The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

### 12.2. Persistence and degradability

No data available.

### 12.3. Bioaccumulative potential

No data available.

### 12.4. Mobility in soil

#### Mobility:

Insoluble in water.

### 12.5. Results of PBT and vPvB assessment

This product does not contain any PBT or vPvB substances.



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#### 12.6. Other adverse effects

Should not be released to the environment. May be harmful to the aquatic environment.

### SECTION 13: DISPOSAL CONSIDERATIONS

#### 13.1. Waste treatment methods

Do not allow runoff to sewer, waterway or ground. Dispose of waste and residues in accordance with local authority requirements. Contact specialist disposal companies. Environmental manager must be informed of all major spillages.

### SECTION 14: TRANSPORT INFORMATION

#### General

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

#### 14.1. UN number

Not applicable.

#### 14.2. UN proper shipping name

Not applicable.

#### 14.3. Transport hazard class(es)

**Transport Labels** No transport warning sign required.

#### 14.4. Packing group

Not applicable.

#### 14.5. Environmental hazards

**Environmentally Hazardous Substance/Marine Pollutant**  
No.

#### 14.6. Special precautions for user

Not applicable.

#### 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable.

### SECTION 15: REGULATORY INFORMATION

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

##### Approved Code Of Practice

Classification and Labelling of Substances and Preparations Dangerous for Supply.  
Safety Data Sheets for Substances and Preparations.

##### Guidance Notes

Workplace Exposure Limits EH40. CHIP for everyone HSG(108).

##### EU Legislation

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures.

#### 15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out.



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## SECTION 16: OTHER INFORMATION

### Abbreviations and acronyms used in the safety data sheet

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

ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways.

RID: European Agreement concerning the International Carriage of Dangerous Goods by Rail.

IATA: International Air Transport Association.

ICAO-TI: Technical Instructions for the Safe Transport of Dangerous Goods by Air.

IMDG: International Maritime Dangerous Goods.

CAS: Chemical Abstracts Service.

ATE: Acute Toxicity Estimate.

LC<sub>50</sub>: Lethal Concentration to 50 % of a test population.

LD<sub>50</sub>: Lethal Dose to 50% of a test population (Median Lethal Dose).

EC<sub>50</sub>: 50% of maximal Effective Concentration.

PBT: Persistent, Bioaccumulative and Toxic substance.

vPvB: Very Persistent and Very Bioaccumulative.

### Revision Comments

Revised according to CLP Regulation.

### Classification procedures

This product is not classified as dangerous good.

### Issued By

Melike ÖZKAN / **Chemical Engineer-Chemical Assessment Specialist**

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