

Safety Data Sheet
PVC COMPOUND POWDER A
(聚氯乙烯-聚合粉 A 級)

SDS Revision Date: 16-Nov-2023
SGS Reference No.: ETN23B00005

1. Identification

1.1. Product identifier

Product Identity

PVC COMPOUND POWDER A
(聚氯乙烯-聚合粉 A 級)

Alternate Names

PVC COMPOUND POWDER A
(聚氯乙烯-聚合粉 A 級)

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

Intended use

See Technical Data Sheet.

SGO23L10



PIN CODE: 7A4A6FB6

2. Hazard(s) identification

2.1. Classification of the substance or mixture

No applicable GHS categories.

2.2. Label elements

No applicable GHS categories.

[Prevention]

No GHS prevention statements

[Response]

No GHS response statements

[Storage]

No GHS storage statements

[Disposal]

No GHS disposal statements

3. Composition/information on ingredients

This product contains the following substances that present a hazard within the meaning of the relevant State and Federal Hazardous Substances regulations.

Ingredient/Chemical Designations	Weight %	GHS Classification	Notes
Pvc (chloroethylene, polymer) CAS Number: 0009002-86-2	43	Not Classified	—
Calcium carbonate CAS Number: 0000471-34-1	35	Not Classified	—
Di-isononyl phthalate < DINP > CAS Number: 0028553-12-0	21	Not Classified	—
Epoxidised soya oil CAS Number: 0008013-07-8	1	Not Classified	—

The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

*PBT/vPvB - PBT-substance or vPvB-substance.

The full texts of the phrases are shown in Section 16.

Section 4. First aid measures

4.1. Description of first aid measures

General	In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.
Inhalation	Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious, place in the recovery position and obtain immediate medical attention. Give nothing by mouth.
Eyes	Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart and seek medical attention.
Skin	Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognized skin cleanser.
Ingestion	If swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

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

Overview	No specific symptom data available. Treat symptomatically. Check section 2.2 (GHS Label Elements) for further details.
Inhalation	

Section 5. Fire-fighting measures

5.1. Extinguishing media

Recommended extinguishing media; alcohol resistant foam, CO₂, powder, water spray.
Unsuitable extinguishing media: Do not use water jet.

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition: No hazardous decomposition data available.

5.3. Advice for fire-fighters

As with all fires, wear positive pressure, self-contained breathing apparatus, (SCBA) with a full face piece and protective clothing. Persons without respiratory protection should leave area. Wear SCBA during clean-up immediately after fire. No smoking.

ERG Guide No. ----

Section 6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Put on appropriate personal protective equipment (see section 8).

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

6.2. Environmental precautions

Do not allow spills to enter drains or waterways.

6.3. Methods and material for containment and cleaning up

Sweep up or pick up.

Section 7. Handling and storage

7.1. Precautions for safe handling

Handle containers carefully to prevent damage and spillage.

Check section 2.2 (GHS Label Elements) for further details. - [Prevention]

7.2. Conditions for safe storage, including any incompatibilities

Incompatible materials: No available information

Check section 2.2 (GHS Label Elements) for further details. - [Storage]

7.3. Specific end use(s)

No available information

Section 8. Exposure controls / personal protection

8.1. Control parameters

CAS No.	Ingredient	Exposure	
		Source	Value
0000471-34-1	Calcium carbonate	OSHA	TWA 10 mg m ⁻³ (total) TWA 5 mg m ⁻³ (resp)
		ACGIH	No Established Limit
		NIOSH	TWA 10 mg m ⁻³ (total) TWA 5 mg m ⁻³ (resp)
0000013-47-8	Epoxidised soya oil	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
0000902-86-2	Pvc (chloroethylene, polymer)	OSHA	No Established Limit
		ACGIH	TWA: 1 mg m ⁻³
		NIOSH	No Established Limit
0026553-12-0	Di-isononyl phthalate <DINP>	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit

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8.2. Exposure controls

Respiratory

If workers are exposed to concentrations above the exposure limit they must use the appropriate, certified respirators.

Eyes

Protective safety glasses recommended

Skin

Avoid skin contact. Protective gloves recommended.

Engineering Controls

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapor below occupational exposure limits suitable respiratory protection must be worn.

Other Work Practices

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

Check section 2.2 (GHS Label Elements) for further details.

Section 9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Assorted colors (i.e. yellow, blue, red, thinner-clear)
Odor	Solid
Odor threshold	Odorless
pH	No available information
Melting point / freezing point	No available information
Initial boiling point and boiling range	No available information
Flash Point	No available information
Evaporation rate (Ether = 1)	390°C 734°F
Flammability (solid, gas)	No available information
Upper/lower flammability or explosive limits	No available information
Vapor pressure (Pa)	No available information
Vapor Density	No available information
Relative Density	1.58+/-0.05 g/cm3
Solubility in Water	0.45% at 25 °C
Partition coefficient n-octanol/water (Log Kow)	No available information
Auto-ignition temperature	450°C
Decomposition temperature	>200°C
Viscosity (cSt)	No available information
VOC Content	No available information
Oxidising properties	No available information
Explosive properties	No available information
Particle Characteristics	No available information

9.2. Other information

No other relevant information.

Section 10. Stability and reactivity

10.1. Reactivity

Hazardous Polymerization will not occur.

10.2. Chemical stability

Stable under normal circumstances.

10.3. Possibility of hazardous reactions

No available information

10.4. Conditions to avoid

Avoid high temperatures and contact with incompatible material

10.5. Incompatible materials

No available information

10.6. Hazardous decomposition products

No hazardous decomposition data available.

Section 11. Toxicological information

Acute toxicity

Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).

Ingredient	Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation Vapor LC50, mg/L/4hr	Inhalation Dust/Mist LC50, mg/L/4hr	Inhalation Gas LC50, ppm
Pvc (chloroethylene, polymer) - (9002-86-2)	No data available.	No data available.	No data available.	No data available.	No data available.
Calcium carbonate - (471-34-1)	> 2,000.00, Rat - Category: NA	> 2,000.00, Rat - Category: NA	No data available.	> 3.00, Rat - Category: NA	No data available.
Di-isononyl phthalate < DINP > - (28553-12-0)	> 10,000.00, Rat - Category: NA	> 3,160.00, Rat - Category: NA	No data available.	> 4.40, Rat - Category: NA	No data available.
Epoxidised soya oil - (8013-07-8)	> 5,000.00, Rat - Category: NA	> 20,000.00, Rabbit - Category: NA	No data available.	No data available.	No data available.

Carcinogen Data

CAS No.	Ingredient	Source	Value
0000471-34-1	Calcium carbonate	OSHA	Regulated Carcinogen: No;
		NTP	Known: No; Suspected: No;
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
		ACGIH	No Established Limit
0008013-07-8	Epoxidised soya oil	OSHA	Regulated Carcinogen: No;
		NTP	Known: No; Suspected: No;
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
		ACGIH	No Established Limit
0009002-86-2	Pvc (chloroethylene, polymer)	OSHA	Regulated Carcinogen: No;
		NTP	Known: No; Suspected: No;
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: Yes; Group 4: No;
		ACGIH	A4

ISO 9001:2015	Di isononyl phthalate - DINP	OSHA	Regulated Carcinogen: No.
		PBT	Known: No, Suspected: No.
		REACH	Group 1: No, Group 2a: No, Group 2b: No, Group 3: No, Group 4: No.
		ACGIH	No Established Limit
Classification		Category	Hazard Description
Acute toxicity (oral)		---	Not Applicable
Acute toxicity (dermal)		---	Not Applicable
Acute toxicity (inhalation)		---	Not Applicable
Skin corrosion/irritation		---	Not Applicable
Serious eye damage/irritation		---	Not Applicable
Respiratory sensitization		---	Not Applicable
Skin sensitization		---	Not Applicable
Germ cell mutagenicity		---	Not Applicable
Carcinogenicity		---	Not Applicable
Reproductive toxicity		---	Not Applicable
STOT-single exposure		---	Not Applicable
STOT-repeated exposure		---	Not Applicable
Aspiration hazard		---	Not Applicable

Section 12. Ecological information

12.1. Toxicity

No additional information provided for this product. See Section 3 for chemical specific data.

Aquatic Ecotoxicity

Ingredient	96 hr LC50 fish, mg/L	48 hr EC50 crustacea, mg/L	ErC50 algae, mg/L
Pvc (chloromethylene, polymer) (9007 86 2)	No data available.	No data available.	No data available.
Calcium carbonate (471 34 1)	100.00, <i>Oncorhynchus mykiss</i>	> 100.00, <i>Daphnia magna</i>	> 14.00, <i>Desmodesmus subspicatus</i>
Di isononyl phthalate - DINP (28551 12 0)	> 102.00, <i>Danio rerio</i>	> 74.00, <i>Daphnia magna</i>	> 88.00, <i>Desmodesmus subspicatus</i>
Epoxidized soya oil (8013 07 8)	No data available.	No data available.	No data available.

12.2. Persistence and degradability

There is no data available on the preparation itself.

12.3. Bioaccumulative potential

No available information

12.4. Mobility in soil

No available information

12.5. Results of PBT and vPvB assessment

This product contains no PBT/vPvB chemicals.

12.6. Other adverse effects

No available information

Section 13. Disposal considerations

13.1. Waste treatment methods

Observe all federal, state and local regulations when disposing of this substance.

Section 14. Transport information

	DOT (Domestic Surface Transportation)	IMO / IMDG (Ocean Transportation)	ICAO/IATA
14.1. UN number	Not Regulated	Not Regulated	Not Regulated
14.2. UN proper shipping name	Not Regulated	Not Regulated	Not Regulated
14.3. Transport hazard class(es)	DOT Hazard Class: Not Applicable Sub Class: Not Applicable	IMDG: Not Applicable Sub Class: Not Applicable	Air Class: Not Applicable Sub Class: Not Applicable
14.4. Packing group	Not Applicable	Not Applicable	Not Applicable
14.5. Environmental hazards	Marine Pollutant: No;		
14.6. Special precautions for user	No available information		

Section 15. Regulatory information

Regulatory Overview The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented.

Toxic Substance Control Act (TSCA) All components of this material are either listed or exempt from listing on the TSCA Inventory.

EPCRA 302 Extremely Hazardous:

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

EPCRA 313 Toxic Chemicals:

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Carcinogens (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Developmental Toxins (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Female Repro Toxins (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Male Repro Toxins (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 Label Warning:

This product contains no chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

Section 16. Other information**Revision Date**

16-Nov-2023

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The full text of the phrases appearing in section 3 is:

Not Applicable

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