

Safety Data Sheet

Roscom 1A Natural Series PVC

Section 1. Product Identification

Product ID:	Roscom 1A Natural Series PVC	
Encompassing Preceding Series:	200LF, 201LF, 202LF, 600, 600H, 605, 605X, 606, 608, 608H, 613, 700, 700H, 709, 709H, 720, 720H, 740	
Company Contact:	Roscom, Inc. 2925 State Rd. Croydon, PA 19067 (215) 781-1700	[Emergency Contact]
Product Category:	Plastic	

Section 2. Hazard Identification

GHS Pictograms:



This compound contains a plasticizer that has been deemed a Cancer Suspect.

Warning

GHS Hazard Phrases:	H351	Suspected of causing cancer.
GHS Precaution Phrases:	P309	If exposed to processing fumes for long periods of time and feeling unwell: Remove affected individual(s) from fumes and call a physician
GHS Response Phrases:	P370	In case of fire: Avoid fumes as they may be toxic.
	P370 + P378	In case of fire: Use extinguisher (see section 5 for more information)

GHS Storage and Disposal Phrases:	P501	Dispose of or incinerate in accordance with local regulations at a licensed/permitted facility. Incineration may yield hydrogen chloride gas.
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Section 3. Composition/Information on Ingredients

Chemical Identity:

PVC Suspension Resin	CAS# 9002-86-2
Barium Zinc	¹ See section 16
Di(2-ethylhexyl)phthalate (DEHP or DOP)	CAS# 117-81-7
Eaken GP-22	² See section 16
Limestone Dust	CAS# 1317-65-3

*Please contact Roscom directly for the percentage of each ingredient as these can vary throughout the series

Section 4. First Aid Measures

Primary Routes of Exposure:	Inhalation during processing or fire
Symptoms/Effects:	Respiratory tract irritation may occur after periods of exposure.
Emergency First Aid:	Remove affected individual(s) from fumes and call a physician.

Section 5. Fire Fighting Measures

Extinguishing Media:	<ul style="list-style-type: none"> · Water/Foam Fire Extinguisher · ABS Dry Chemical Fire Extinguisher · Protein Foam Fire Extinguisher
Specific Hazards:	Thermal decomposition of this material liberates hydrogen chloride in addition to typical combustion gases such as carbon monoxide.
Suggested PPE:	Positive pressure SCBA should be used immediately during or shortly after fire.

Section 6. Accidental Release Measures

Suggested PPE: N/A

Environmental Precautions: N/A

Method of Containment: Vacuum or sweep into a closed container for reuse or disposal.

Section 7. Handling and Storage

Safe Storage: Store in a cool and dry area.

Section 8. Exposure Controls/Personal Protection

Ingredient Exposure Limits:

	OSHA PEL [mg/m ³]	OSHA STEL [mg/m ³]	ACGIH TLV [mg/m ³]
PVC Suspension Resin	15 (total dust) 5 (respirable)	N/A	10 (inhalable) 3 (respirable)
Barium Zinc	¹ See section 16	¹ See section 16	¹ See section 16
Di(2-ethylhexyl)phthalate	5	N/A	5
Eaken GP-22	² See section 16	² See section 16	² See section 16
Limestone Dust	5	N/A	2

*Unless otherwise noted, all PEL and TLV values are reported as 8 hour TWA

Engineering Controls: Proper ventilation systems should be used in processing areas.

Suggested Individual PPE: Safety Glasses, Rubber Gloves

Section 9. Physical and Chemical Properties

Appearance: Natural

Odor: Odorless

Melting Point: > 220 °F

Flash Point: N/A

Flammability: N/A

Specific Gravity:	1.14 to 1.70 <i>(See compound Technical Data Sheet for exact value)</i>
Solubility:	Considered Insoluble in water
Auto-Ignition Temp:	N/A
Resin Viscosity (IV):	1.02

Section 10. Stability and Reactivity

Reactivity:	N/A
Chemical Stability:	N/A
Possibility of Hazardous Reaction:	Avoid temperatures greater than 400 °F for prolonged periods of time as this will cause degradation.
Incompatible Materials:	N/A
Hazardous Decomposition Products:	Hydrogen Chloride gas, Carbon Monoxide, and Aliphatic Olephins or traces of Benzene, Aliphatic/Aromatic Hydrocarbons

Section 11. Toxicological Information

Medical Conditions Aggravated by Exposure:	Excessive processing vapors may produce acute health effects in some individuals with bronchial asthma and other types for chronic respiratory diseases. Bronchial spasms may develop if exposure is prolonged.
Primary Routes of Entry:	Inhalation or skin possible during processing or fire
Measured Toxicity Values:	N/A

Section 12. Ecological Information

Ecotoxicity:	N/A
Persistence and Degradability:	N/A

**Bioaccumulative
Potential:** N/A

Mobility in the Soil: N/A

Section 13. Disposal Information

**Waste Disposal
Method:** Dispose of or incinerate in accordance with local regulations at a licensed/permitted facility. Incineration may yield hydrogen chloride gas. Cardboard gaylords may be recycled.

Section 14. Transportation Information

UN Number: N/A

UN Shipping Name: N/A

**Transport Hazard
Class:** N/A

Special Precautions: N/A

Section 15. Regulatory Information

Proposition 65: Di(2-ethylhexyl)phthalate is on the list of chemicals known to the State of California to cause cancer or reproductive toxicity.

REACH: Di(2-ethylhexyl)phthalate is on the Candidate List of substances of very high concern.

*For information regarding other regulations, please contact Roscom.

Section 16. Other Information

¹Barium Zinc:

Chemical Name	Weight-%	ACGIH TLV	ACGIH OEL (STEL)	OSHA PEL	OSHSTEL	TWA/STEL units are in
Trade Secret	30-60	100	NE	500	NE	ppm
Zinc 2-Ethylhexanoate 136-53-8	5-10	NE	NE	NE	NE	mg/m ³
Trade Secret	5-10	0.5 (Ba)	NE	0.5 (Ba)	NE	mg/m ³
Trade Secret	1-5	5*	10*	5*	NE	mg/m ³
Trade Secret	1-5	100 (skn)	150 (skn)	100 (skn)	NE	ppm
Trade Secret	1-5	NE	NE	0.1**	NE	mg/m ³
Trade Secret	<0.1	5 (skin)	NE	5 (skin)	NE	ppm

Exposure Limit Statement

* For oil mist, if generated

**Manufacturer Recommended Exposure Limit

²Eaken GP-22:

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COMPOSITION          C.A.S NUMBER      OCCUPATIONAL EXPOSURE LIMITS
                      OSHA (1989)       ACGIH
                      PEL/TWA  PEL/STEL  TLV/TWA  TLV/STEL
EAKEN GP-22          MIXTURE          - - -    - - -    5mg/m3   - - -
Hydrotreated Light  64742-52-5      5mg/m3   - - -    5mg/m3   10mg/m3
Naphthenic Distillate,
Petroleum
    
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