## Safety Data Sheet



## Section 1: Identification of the Substance/Mixture and of the Company/Undertaking

#### 1.1 Product identifier

**CAS Number** • 9002-86-2

Product Name

\* Polyvinyl Chloride

**Synonyms** 

• ALL 1000 SERIES RESINS, INCLUDING 1160, 1185, 1195, 1225, 1230; Ethylene, Chloro-polymer;

PVC; PVC Homopolymer Resin(s)

REACH

• 01-2119458772-30-XXXX

Registration Number

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

Relevant identified use(s)

• Used in the production of PVC products.

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

Manufacturer • Westlake PVC Corporation

230 Riley Johnson Road Calvert City, KY 42029

**United States** 

 Westlake Vinyl's Company, LP 36045 Highway 30 Geismar, LA 70734-0228 United States

**Telephone** • 888-277-3212 (**General**)

## 1.4 Emergency telephone number

Manufacturer • 888-277-3212 - Monday thru Friday 8:00 AM - 4:00 PM

• 270-210-1438 - After Hours, Weekends, and Hoildays

**Chemtrec** • (800) 424-9300 - Transportation emergency

#### Section 2: Hazards Identification

#### **EU/EEC**

According to Regulation (EC) No 1272/2008 (CLP)/REACH 1907/2006 [amended by 453/2010]

#### According to EU Directive 67/548/EEC (DSD) or 1999/45/EC (DPD)

## 2.1 Classification of the substance or mixture

**CLP** 

This material is not considered as hazardous

DSD/DPD

## **United States (US)**

According to OSHA 29 CFR 1910.1200 HCS

## 2.1 Classification of the substance or mixture

**OSHA HCS 2012** 

 This material is not considered as hazardous according to the U.S. Hazard Communication Standard

#### Canada

**According to WHMIS** 

#### 2.1 Classification of the substance or mixture

WHMIS • This material is not considered as hazardous

## Section 3 - Composition/Information on Ingredients

#### 3.1 Substances

	Composition				
Chemical Name	Identifiers	%	LD50/LC50	Classifications According to Regulation/Directive	
Polyvinyl Chloride	CAS:9002-86-2	99.5% TO 99.9%	NDA	EU DSD/DPD: Not classified  EU CLP: Not classified  OSHA HCS 2012: Not classified	
Vinyl Chloride	CAS:75-01-4 EC Number:200- 831-0 EU Index:602-023- 00-7	< 5 ppm	Inhalation-Rat LC50 • 18 pph 15 Minute(s)	EU CLP: Community workplace exposure limit OSHA HCS 2012: Exposure limit(s)	

#### 3.2 Mixtures

Material does not meet the criteria of a mixture in accordance with Regulation (EC) No 1272/2008.

## **Section 4 - First Aid Measures**

#### 4.1 Description of first aid measures

Inhalation

• If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for

breathing. Give artificial respiration if victim is not breathing. If signs/symptoms continue, get medical attention.

Skin

• In case of contact with substance, immediately flush skin with running water for at least 20 minutes. If irritation develops and persists, get medical attention.

Eye

• In case of contact with substance, immediately flush eyes with running water for at least 20 minutes. If eye irritation persists: Get medical advice/attention.

Ingestion

• First aid is not expected to be necessary if material is used under ordinary conditions and as recommended.

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

• Refer to Section 11 - Toxicological Information.

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

Notes to Physician • Immediate medical attention after exposure to this material not expected to be necessary. No special treatment indicated related to exposure to this material.

## **Section 5 - Firefighting Measures**

## 5.1 Extinguishing media

Suitable Extinguishing • Carbon Dioxide (CO2), dry chemical, or Water.

Media

Unsuitable

No data available

**Extinguishing Media** 

## 5.2 Special hazards arising from the substance or mixture

Unusual Fire and Explosion Hazards

 PVC homopolymer resins are self-extinguishing plastic materials and will not continue to burn without an external ignition source. They will burn in the presence of other materials which support combustion.

Avoid generating dust; fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard.

Hazardous Combustion Products • Hydrogen chloride, benzene, water, carbon monoxide, carbon dioxide, and smoke.

## 5.3 Advice for firefighters

Wear positive pressure self-contained breathing apparatus (SCBA).
 Structural firefighters' protective clothing will only provide limited protection.

#### Section 6 - Accidental Release Measures

## 6.1 Personal precautions, protective equipment and emergency procedures

**Personal Precautions** 

• Do not walk through spilled material. Avoid breathing dust. Avoid contact with skin and eyes. Wear appropriate personal protective equipment, avoid direct contact.

**Emergency Procedures** 

• Contain spill and monitor for excessive dust accumulation. Avoid unnecessary personnel and equipment traffic in the spill area. Ventilate closed spaces before entering.

#### 6.2 Environmental precautions

No special environmental precautions necessary.

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

Containment/Clean-up

· Avoid generating dust.

Measures

Use clean nonsparking tools to collect material.

Dust Deposits should not be allowed to accumulate on surfaces, as these may form an explosive mixture if they are released into the atmosphere in sufficient concentration.

#### 6.4 Reference to other sections

• Refer to Section 8 - Exposure Controls/Personal Protection and Section 13 - Disposal Considerations.

## **Section 7 - Handling and Storage**

## 7.1 Precautions for safe handling

Handling • Do not use in areas without adequate ventilation. Minimize dust generation and accumulation. Routine housekeeping should be instituted to ensure that dusts do not accumulate on surfaces. Dry powders can build static electricity charges when subjected to the friction of transfer and mixing operations. Provide adequate precautions, such as electrical grounding and bonding, or inert atmospheres. Use appropriate Personal Protective Equipment (PPE) Do not breathe dust. Avoid contact with skin and eyes. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco.

## 7.2 Conditions for safe storage, including any incompatibilities

**Storage** • Keep container closed. Store in a cool, dry, well-ventilated place.

## 7.3 Specific end use(s)

• Refer to Section 1.2 - Relevant identified uses.

## **Section 8 - Exposure Controls/Personal Protection**

## 8.1 Control parameters

		Exposure Limits/Guideli	nes
	Resul t	ACGIH	OSHA
Polyvinyl Chloride as Particulates not otherwise classified (PNOC)	TWAs	10 mg/m3 TWA (inhalable particles, recommended); 3 mg/m3 TWA (respirable particles, recommended)  as Particulates not otherwise classified (PNOC)	15 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction) as Particulates not otherwise classified (PNOC)
Vinyl Chloride (75-01-4)	STFI		5 ppm STEL (see 29 CFR 1910.1017)
(73-01-4)	TWAs	1 ppm TWA	1 ppm TWA
Polyvinyl Chloride (9002-86-2)	TWAs	1 mg/m3 TWA (respirable fraction)	Not established

#### 8.2 Exposure controls

## Engineering Measures/Controls

• Ensure that dust handling systems (such as exhaust ducts, dust collectors, vessels and processing equipment) are designed in a manner to prevent the escape of dust into the work area (i.e., there is not leakage from the equipment). It is recommended that dust control equipment such as local exhaust ventilation and material transport systems involved in handling of this product contain explosion relief vents or an explosion supression system or an oxygen-deficient environment. Use only appropriately classified electrical equipment.

## **Personal Protective Equipment**

#### Respiratory

 For limited exposure use an N95 dust mask. For prolonged exposure use an air-purifying respirator with high efficiency particulate air (HEPA) filters. Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or symptoms are experienced.

## Eye/Face

· Wear safety goggles.

**Hands** 

Wear appropriate gloves.

#### Skin/Body

• Wear long sleeves and/or protective coveralls.

# **Environmental Exposure Controls**

• Follow best practice for site management and disposal of waste.

#### Key to abbreviations

ACGIH = American Conference of Governmental Industrial Hygiene

OSHA = Occupational Safety and Health Administration

STEL = Short Term Exposure Limits are based on 15-minute exposures

TWA = Time-Weighted Averages are based on 8h/day, 40h/week exposures

# **Section 9 - Physical and Chemical Properties**

## 9.1 Information on Physical and Chemical Properties

Material Description			
Physical Form	Solid	Appearance/Description	A white, solid, free flowing powder with a plastic odor.
Color	White	Odor	Plastic odor.
Particulate Type	Dust	Odor Threshold	Data lacking
General Properties			
Boiling Point	Data lacking	Melting Point	120 to 150 C(248 to 302 F)
Decomposition Temperature	120 to 150 C(248 to 302 F)	рН	Not relevant
Specific Gravity/Relative Density	1.35 to 1.4 Water=1	Water Solubility	Insoluble
Viscosity	Data lacking	Explosive Properties	Data lacking
Oxidizing Properties:	Data lacking		
Volatility			
Vapor Pressure	Data lacking	Vapor Density	Data lacking
Evaporation Rate	Data lacking	Volatiles (Vol.)	< 0.5 %
Flammability			•
Flash Point	Not relevant	UEL	Not relevant
LEL	Not relevant	Autoignition	Data lacking
Flammability (solid, gas)	Not Flammable.		
Environmental			
Octanol/Water Partition coefficient	Data lacking		

#### 9.2 Other Information

No additional physical and chemical parameters noted.

## **Section 10: Stability and Reactivity**

#### 10.1 Reactivity

• No dangerous reaction known under conditions of normal use.

#### 10.2 Chemical stability

• Stable under normal temperatures and pressures.

#### 10.3 Possibility of hazardous reactions

• Hazardous polymerization not indicated.

## 10.4 Conditions to avoid

• Heat, sparks, open flame.

## 10.5 Incompatible materials

• None known.

## 10.6 Hazardous decomposition products

• Hydrogen chloride gas, a respiratory irritant, is emitted at elevated temperatures (248°F - 302°F or 120°C - 150°C).

## **Section 11 - Toxicological Information**

## 11.1 Information on toxicological effects

			Poly	yvir	nyl Chloride 9002-86-	2			
Test Type	Dosage	Route	Spec	ies	Duration	Results	<b>Test Class</b>	Target Organs	Comments
Tumorigen/Carcino gen	= 210 g/kg	Ingestion/Oral	Rat		30 Week(s) Continuous	TDLo	NDA	NDA	NDA
GHS Properties Classification									
Acute toxicity				_	CLP•Classification criteria		not met		
Aspiration Hazard				_	CLP•Classification criteria				
Carcinogenicity					CLP•Classification criteria		not met		
Germ Cell Mutageni	Germ Cell Mutagenicity  EU/CLP•Classification criteria not met  OSHA HCS 2012•Classification criteria not met								
Skin corrosion/Irritat	EU/CLP•Classification criteria not met  OSHA HCS 2012•Classification criteria not met								
Skin sensitization				_	CLP•Classification criteria		not met		
STOT-RE					CLP•Specific Target Orga HA HCS 2012•Specific Ta	-	-		2
STOT-SE				_	CLP•Classification criteria		not met		
Toxicity for Reprodu	ction			_	CLP•Classification criteria		not met		
Respiratory sensitization  EU/CLP•Classification criteria not met  OSHA HCS 2012•Classification criteria not met									
Serious eye damage	e/Irritation			_	CLP•Classification criteria		not met		

**Target Organs** 

Lungs

Route(s) of entry/exposure

• Inhalation, Skin, Eye, Ingestion

Medical Conditions Aggravated by Exposure

• Disorders of the lungs.

#### **Potential Health Effects**

#### Inhalation

Acute (Immediate)

 Exposure to dust may cause irritation. Processes such as cutting, grinding, crushing, or impact may result in generation of excessive amounts of airborne dusts in the workplace. Nuisance dust may affect the lungs but reactions are typically reversible.

**Chronic (Delayed)** 

• Repeated and prolonged exposure to dust may cause lung effects including pneumoconiosis. Prolonged exposure to the dust may cause wheezing, chest tightness, productive cough nasal irritation and symptoms of chronic respiratory disease.

Skin

Acute (Immediate)

• Exposure to dust may cause mechanical irritation.

**Chronic (Delayed)** 

· No data available.

Eye

Acute (Immediate)

• Exposure to dust may cause mechanical irritation. Excessive concentrations of nuisance

dust in the workplace may reduce visibility and may cause unpleasant deposits in eyes.

**Chronic (Delayed)** 

Ingestion

• No data available.

Acute (Immediate)

 Excessive concentrations of nuisance dust in the workplace may cause mechanical irritation to mucous membranes.

**Chronic (Delayed)** 

No data available

**Carcinogenic Effects** 

 Vinyl Chloride is present in this material in amounts to low for this material to be classified as a carcinogen.

		Carcinogenio	Effects	
	CAS	OSHA	IARC	NTP
Vinyl Chloride	75-01-4	Specifically Regulated Carcinogen	Group 1-Carcinogenic	Known Human Carcinogen

## **Section 12 - Ecological Information**

## 12.1 Toxicity

Material data lacking.

## 12.2 Persistence and degradability

· Material data lacking.

## 12.3 Bioaccumulative potential

· Material data lacking.

## 12.4 Mobility in Soil

· Material data lacking.

#### 12.5 Results of PBT and vPvB assessment

• PBT and vPvB assessment has not been carried out.

## 12.6 Other adverse effects

• No studies have been found.

## **Section 13 - Disposal Considerations**

#### 13.1 Waste treatment methods

Product waste • Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

**Packaging** waste

 Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

## Section 14 - Transport Information

	14.1 UN number	14.2 UN proper shipping name	14.3 Transport hazard class(es)	14.4 Packing group	14.5 Environmental hazards
DOT	NDA	Not Regulated	NDA	NDA	NDA
TDG	NDA	Not Regulated	NDA	NDA	NDA
IMO/IMDG	NDA	Not Regulated	NDA	NDA	NDA

IATA/ICAO NDA	Not Regulated	NDA	NDA	NDA
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#### 14.6 Special precautions for user

None specified.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code • Data lacking.

## **Section 15 - Regulatory Information**

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

#### **SARA Hazard Classifications**

• Chronic

			Inventory			
Component	CAS	Australia AICS	Canada DSL	Canada NDSL	China	EU EINECS
Polyvinyl Chloride as Particulates not otherwise classified (PNOC)		No No	No No	No No	No	No No
Polyvinyl Chloride	9002-86-2	Yes	Yes	No	Yes	No
Vinyl Chloride	75-01-4	Yes	Yes	No	Yes	Yes
			Inventory (Co	on't.)		
Component	CAS	EU ELNICS	Japan ENCS	Korea KECL	New Zealand	Philippines PICCS
Polyvinyl Chloride as Particulates not otherwise classified (PNOC)	NDA	No	No	No	No	No
Polyvinyl Chloride	9002-86-2	Yes	Yes	Yes	Yes	Yes
Vinyl Chloride	75-01-4	No	Yes	Yes	Yes	Yes
			Inventory (Co	on't.)		
Component	CAS			TSCA		
Polyvinyl Chloride as Particulates not otherwise classified (PNOC)	NDA	No				
Polyvinyl Chloride	9002-86-2	Yes				
Vinyl Chloride	75-01-4	Yes				

#### Canada

#### Labor

Canada - WHM	IIS - Classifications	of Substances
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•Polyvinyl Chloride as Particulates not otherwise classified (PNOC)
•Vinyl Chloride
•Polyvinyl Chloride

Canada - WHMIS - Ingredient Disclosure List

Polyvinyl Chloride as Particulates not otherwise classified (PNOC)
 Vinyl Chloride
 Polyvinyl Chloride
 Polyvinyl Chloride
 Not Listed
 Not Listed

#### **Environment**

Canada - CEPA - Priority Substances List

Polyvinyl Chloride as Particulates not otherwise classified (PNOC)
 Vinyl Chloride
 Polyvinyl Chloride
 Polyvinyl Chloride
 Not Listed
 Not Listed
 Not Listed

#### **Europe**

#### Other

EU - Hazardous Substances Restricted or Prohibited in Electrical Equipment (2011/65/EU) (RoHS)

•Polyvinyl Chloride as Particulates not otherwise classified (PNOC)

Not Listed

•Vinyl Chloride	75-01-4	Not Listed
•Polyvinyl Chloride	9002-86-2	Not Listed
		Not Listed
EU - Inventory of Cosmetic Ingredients Directive (INCI) (76/768/EEC) - Other Ingre	ealents	N. (1) ( )
<ul> <li>Polyvinyl Chloride as Particulates not otherwise classified (PNOC)</li> </ul>		Not Listed
•Vinyl Chloride	75-01-4	Not Listed
•Polyvinyl Chloride	9002-86-2	Film forming
		_
Japan		
Environment		
Japan - Pollutant Release Transfer Register (PRTR) - Class 1 Substances		Not Listed
<ul> <li>Polyvinyl Chloride as Particulates not otherwise classified (PNOC)</li> </ul>		Not Listed
•Vinyl Chloride	75-01-4	94 >=0.1 % (Specific class 1
· · · · · · · · · · · · · · · · · · ·		substances)
•Polyvinyl Chloride	9002-86-2	Not Listed
Japan - Pollutant Release Transfer Register (PRTR) - Class 2 Substances		
<ul> <li>Polyvinyl Chloride as Particulates not otherwise classified (PNOC)</li> </ul>		Not Listed
Vinyl Chloride	75-01-4	Not Listed
•Polyvinyl Chloride	9002-86-2	Not Listed
Inventory - Japan - Industrial Safety and Health Law Substances (ISHL)	0002 00 2	1101 2.0104
•Polyvinyl Chloride as Particulates not otherwise classified (PNOC)		Not Listed
	75 04 4	
•Vinyl Chloride	75-01-4	Not Listed
•Polyvinyl Chloride	9002-86-2	Not Listed
Other Agency Information		
Other Agency information		
Other		
CONEG - Model Toxics in Packaging Legislation		
<ul> <li>Polyvinyl Chloride as Particulates not otherwise classified (PNOC)</li> </ul>		Not Listed
•Vinyl Chloride	75-01-4	Not Listed
· · · · · · · · · · · · · · · · · · ·	9002-86-2	Not Listed
•Polyvinyl Chloride	9002-00-2	Not Listed
United States		
Labor		
Labor U.S OSHA - Process Safety Management - Highly Hazardous Chemicals		
		Not Listed
<ul><li>U.S OSHA - Process Safety Management - Highly Hazardous Chemicals</li><li>Polyvinyl Chloride as Particulates not otherwise classified (PNOC)</li></ul>	75-01-4	Not Listed Not Listed
<ul> <li>U.S OSHA - Process Safety Management - Highly Hazardous Chemicals</li> <li>Polyvinyl Chloride as Particulates not otherwise classified (PNOC)</li> <li>Vinyl Chloride</li> </ul>		Not Listed
<ul> <li>U.S OSHA - Process Safety Management - Highly Hazardous Chemicals</li> <li>Polyvinyl Chloride as Particulates not otherwise classified (PNOC)</li> <li>Vinyl Chloride</li> <li>Polyvinyl Chloride</li> </ul>	75-01-4 9002-86-2	
<ul> <li>U.S OSHA - Process Safety Management - Highly Hazardous Chemicals</li> <li>Polyvinyl Chloride as Particulates not otherwise classified (PNOC)</li> <li>Vinyl Chloride</li> <li>Polyvinyl Chloride</li> <li>U.S OSHA - Specifically Regulated Chemicals</li> </ul>		Not Listed Not Listed
<ul> <li>U.S OSHA - Process Safety Management - Highly Hazardous Chemicals</li> <li>Polyvinyl Chloride as Particulates not otherwise classified (PNOC)</li> <li>Vinyl Chloride</li> <li>Polyvinyl Chloride</li> </ul>		Not Listed Not Listed Not Listed
<ul> <li>U.S OSHA - Process Safety Management - Highly Hazardous Chemicals</li> <li>Polyvinyl Chloride as Particulates not otherwise classified (PNOC)</li> <li>Vinyl Chloride</li> <li>Polyvinyl Chloride</li> <li>U.S OSHA - Specifically Regulated Chemicals</li> </ul>		Not Listed Not Listed Not Listed 0.5 ppm Action Level (See
<ul> <li>U.S OSHA - Process Safety Management - Highly Hazardous Chemicals</li> <li>Polyvinyl Chloride as Particulates not otherwise classified (PNOC)</li> <li>Vinyl Chloride</li> <li>Polyvinyl Chloride</li> <li>U.S OSHA - Specifically Regulated Chemicals</li> <li>Polyvinyl Chloride as Particulates not otherwise classified (PNOC)</li> </ul>	9002-86-2	Not Listed Not Listed Not Listed 0.5 ppm Action Level (See 29 CFR 1910.1017); 1 ppm
<ul> <li>U.S OSHA - Process Safety Management - Highly Hazardous Chemicals</li> <li>Polyvinyl Chloride as Particulates not otherwise classified (PNOC)</li> <li>Vinyl Chloride</li> <li>Polyvinyl Chloride</li> <li>U.S OSHA - Specifically Regulated Chemicals</li> </ul>		Not Listed Not Listed Not Listed 0.5 ppm Action Level (See 29 CFR 1910.1017); 1 ppm TWA (See 29 CFR
<ul> <li>U.S OSHA - Process Safety Management - Highly Hazardous Chemicals</li> <li>Polyvinyl Chloride as Particulates not otherwise classified (PNOC)</li> <li>Vinyl Chloride</li> <li>Polyvinyl Chloride</li> <li>U.S OSHA - Specifically Regulated Chemicals</li> <li>Polyvinyl Chloride as Particulates not otherwise classified (PNOC)</li> </ul>	9002-86-2	Not Listed Not Listed 0.5 ppm Action Level (See 29 CFR 1910.1017); 1 ppm TWA (See 29 CFR 1910.1017); 5 ppm STEL
<ul> <li>U.S OSHA - Process Safety Management - Highly Hazardous Chemicals</li> <li>Polyvinyl Chloride as Particulates not otherwise classified (PNOC)</li> <li>Vinyl Chloride</li> <li>Polyvinyl Chloride</li> <li>U.S OSHA - Specifically Regulated Chemicals</li> <li>Polyvinyl Chloride as Particulates not otherwise classified (PNOC)</li> </ul>	9002-86-2	Not Listed Not Listed 0.5 ppm Action Level (See 29 CFR 1910.1017); 1 ppm TWA (See 29 CFR 1910.1017); 5 ppm STEL (See 29 CFR 1910.1017, 15
<ul> <li>U.S OSHA - Process Safety Management - Highly Hazardous Chemicals</li> <li>Polyvinyl Chloride as Particulates not otherwise classified (PNOC)</li> <li>Vinyl Chloride</li> <li>Polyvinyl Chloride</li> <li>U.S OSHA - Specifically Regulated Chemicals</li> <li>Polyvinyl Chloride as Particulates not otherwise classified (PNOC)</li> <li>Vinyl Chloride</li> </ul>	9002-86-2 75-01-4	Not Listed Not Listed 0.5 ppm Action Level (See 29 CFR 1910.1017); 1 ppm TWA (See 29 CFR 1910.1017); 5 ppm STEL (See 29 CFR 1910.1017, 15 min)
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U.S OSHA - Process Safety Management - Highly Hazardous Chemicals  •Polyvinyl Chloride as Particulates not otherwise classified (PNOC)  •Vinyl Chloride  •Polyvinyl Chloride  U.S OSHA - Specifically Regulated Chemicals  •Polyvinyl Chloride as Particulates not otherwise classified (PNOC)  •Vinyl Chloride  •Polyvinyl Chloride  Environment	9002-86-2 75-01-4	Not Listed Not Listed 0.5 ppm Action Level (See 29 CFR 1910.1017); 1 ppm TWA (See 29 CFR 1910.1017); 5 ppm STEL (See 29 CFR 1910.1017, 15 min)
U.S OSHA - Process Safety Management - Highly Hazardous Chemicals  •Polyvinyl Chloride as Particulates not otherwise classified (PNOC)  •Vinyl Chloride  •Polyvinyl Chloride  U.S OSHA - Specifically Regulated Chemicals  •Polyvinyl Chloride as Particulates not otherwise classified (PNOC)  •Vinyl Chloride  •Polyvinyl Chloride  Environment  U.S CAA (Clean Air Act) - 1990 Hazardous Air Pollutants	9002-86-2 75-01-4	Not Listed Not Listed  Not Listed  0.5 ppm Action Level (See 29 CFR 1910.1017); 1 ppm TWA (See 29 CFR 1910.1017, 5 ppm STEL (See 29 CFR 1910.1017, 15 min) Not Listed
U.S OSHA - Process Safety Management - Highly Hazardous Chemicals  •Polyvinyl Chloride as Particulates not otherwise classified (PNOC)  •Vinyl Chloride  •Polyvinyl Chloride  U.S OSHA - Specifically Regulated Chemicals  •Polyvinyl Chloride as Particulates not otherwise classified (PNOC)  •Vinyl Chloride  •Polyvinyl Chloride  Environment  U.S CAA (Clean Air Act) - 1990 Hazardous Air Pollutants  •Polyvinyl Chloride as Particulates not otherwise classified (PNOC)	9002-86-2 75-01-4 9002-86-2	Not Listed Not Listed 0.5 ppm Action Level (See 29 CFR 1910.1017); 1 ppm TWA (See 29 CFR 1910.1017); 5 ppm STEL (See 29 CFR 1910.1017, 15 min)
U.S OSHA - Process Safety Management - Highly Hazardous Chemicals  •Polyvinyl Chloride as Particulates not otherwise classified (PNOC)  •Vinyl Chloride  •Polyvinyl Chloride  U.S OSHA - Specifically Regulated Chemicals  •Polyvinyl Chloride as Particulates not otherwise classified (PNOC)  •Vinyl Chloride  •Polyvinyl Chloride  Environment  U.S CAA (Clean Air Act) - 1990 Hazardous Air Pollutants  •Polyvinyl Chloride as Particulates not otherwise classified (PNOC)  •Vinyl Chloride as Particulates not otherwise classified (PNOC)  •Vinyl Chloride	9002-86-2 75-01-4 9002-86-2 75-01-4	Not Listed Not Listed  Not Listed  0.5 ppm Action Level (See 29 CFR 1910.1017); 1 ppm TWA (See 29 CFR 1910.1017); 5 ppm STEL (See 29 CFR 1910.1017, 15 min) Not Listed  Not Listed
U.S OSHA - Process Safety Management - Highly Hazardous Chemicals  •Polyvinyl Chloride as Particulates not otherwise classified (PNOC)  •Vinyl Chloride  •Polyvinyl Chloride  U.S OSHA - Specifically Regulated Chemicals  •Polyvinyl Chloride as Particulates not otherwise classified (PNOC)  •Vinyl Chloride  •Polyvinyl Chloride  Environment  U.S CAA (Clean Air Act) - 1990 Hazardous Air Pollutants  •Polyvinyl Chloride as Particulates not otherwise classified (PNOC)  •Vinyl Chloride  •Polyvinyl Chloride	9002-86-2 75-01-4 9002-86-2	Not Listed Not Listed  Not Listed  0.5 ppm Action Level (See 29 CFR 1910.1017); 1 ppm TWA (See 29 CFR 1910.1017, 5 ppm STEL (See 29 CFR 1910.1017, 15 min) Not Listed
U.S OSHA - Process Safety Management - Highly Hazardous Chemicals  •Polyvinyl Chloride as Particulates not otherwise classified (PNOC)  •Vinyl Chloride  •Polyvinyl Chloride  U.S OSHA - Specifically Regulated Chemicals  •Polyvinyl Chloride as Particulates not otherwise classified (PNOC)  •Vinyl Chloride  •Polyvinyl Chloride  Environment  U.S CAA (Clean Air Act) - 1990 Hazardous Air Pollutants  •Polyvinyl Chloride as Particulates not otherwise classified (PNOC)  •Vinyl Chloride  •Polyvinyl Chloride  •Polyvinyl Chloride  •Polyvinyl Chloride  •Polyvinyl Chloride  •Polyvinyl Chloride  •Polyvinyl Chloride	9002-86-2 75-01-4 9002-86-2	Not Listed Not Listed  Not Listed  0.5 ppm Action Level (See 29 CFR 1910.1017); 1 ppm TWA (See 29 CFR 1910.1017, 15 min) Not Listed  Not Listed  Not Listed
U.S OSHA - Process Safety Management - Highly Hazardous Chemicals  *Polyvinyl Chloride as Particulates not otherwise classified (PNOC)  *Vinyl Chloride  *Polyvinyl Chloride  U.S OSHA - Specifically Regulated Chemicals  *Polyvinyl Chloride as Particulates not otherwise classified (PNOC)   *Vinyl Chloride  *Polyvinyl Chloride  Environment  U.S CAA (Clean Air Act) - 1990 Hazardous Air Pollutants  *Polyvinyl Chloride as Particulates not otherwise classified (PNOC)  *Vinyl Chloride  *Polyvinyl Chloride  *Polyvinyl Chloride  *Polyvinyl Chloride  *Polyvinyl Chloride  *Polyvinyl Chloride  U.S CAA (Clean Air Act) - Class I Ozone Depletors  *Polyvinyl Chloride as Particulates not otherwise classified (PNOC)	9002-86-2 75-01-4 9002-86-2 75-01-4 9002-86-2	Not Listed Not Listed  Not Listed  0.5 ppm Action Level (See 29 CFR 1910.1017); 1 ppm TWA (See 29 CFR 1910.1017); 5 ppm STEL (See 29 CFR 1910.1017, 15 min) Not Listed  Not Listed  Not Listed  Not Listed
U.S OSHA - Process Safety Management - Highly Hazardous Chemicals  *Polyvinyl Chloride as Particulates not otherwise classified (PNOC)  *Vinyl Chloride  *Polyvinyl Chloride  U.S OSHA - Specifically Regulated Chemicals  *Polyvinyl Chloride as Particulates not otherwise classified (PNOC)   *Vinyl Chloride  Environment  U.S CAA (Clean Air Act) - 1990 Hazardous Air Pollutants  *Polyvinyl Chloride as Particulates not otherwise classified (PNOC)  *Vinyl Chloride  *Polyvinyl Chloride  *Polyvinyl Chloride  *Polyvinyl Chloride  U.S CAA (Clean Air Act) - Class I Ozone Depletors  *Polyvinyl Chloride as Particulates not otherwise classified (PNOC)  *Vinyl Chloride as Particulates not otherwise classified (PNOC)  *Vinyl Chloride	9002-86-2 75-01-4 9002-86-2 75-01-4	Not Listed Not Listed  Not Listed  0.5 ppm Action Level (See 29 CFR 1910.1017); 1 ppm TWA (See 29 CFR 1910.1017); 5 ppm STEL (See 29 CFR 1910.1017, 15 min) Not Listed  Not Listed  Not Listed  Not Listed  Not Listed
U.S OSHA - Process Safety Management - Highly Hazardous Chemicals  *Polyvinyl Chloride as Particulates not otherwise classified (PNOC)  *Vinyl Chloride  *Polyvinyl Chloride  U.S OSHA - Specifically Regulated Chemicals  *Polyvinyl Chloride as Particulates not otherwise classified (PNOC)   *Vinyl Chloride  Environment  U.S CAA (Clean Air Act) - 1990 Hazardous Air Pollutants  *Polyvinyl Chloride as Particulates not otherwise classified (PNOC)  *Vinyl Chloride  *Polyvinyl Chloride  *Polyvinyl Chloride  U.S CAA (Clean Air Act) - Class I Ozone Depletors  *Polyvinyl Chloride as Particulates not otherwise classified (PNOC)  *Vinyl Chloride  *Polyvinyl Chloride as Particulates not otherwise classified (PNOC)  *Vinyl Chloride  *Polyvinyl Chloride	9002-86-2 75-01-4 9002-86-2 75-01-4 9002-86-2	Not Listed Not Listed  Not Listed  0.5 ppm Action Level (See 29 CFR 1910.1017); 1 ppm TWA (See 29 CFR 1910.1017); 5 ppm STEL (See 29 CFR 1910.1017, 15 min) Not Listed  Not Listed  Not Listed  Not Listed
U.S OSHA - Process Safety Management - Highly Hazardous Chemicals  *Polyvinyl Chloride as Particulates not otherwise classified (PNOC)  *Vinyl Chloride  *Polyvinyl Chloride  U.S OSHA - Specifically Regulated Chemicals  *Polyvinyl Chloride as Particulates not otherwise classified (PNOC)  *Vinyl Chloride  Environment  U.S CAA (Clean Air Act) - 1990 Hazardous Air Pollutants  *Polyvinyl Chloride as Particulates not otherwise classified (PNOC)  *Vinyl Chloride  *Polyvinyl Chloride  U.S CAA (Clean Air Act) - Class I Ozone Depletors  *Polyvinyl Chloride as Particulates not otherwise classified (PNOC)  *Vinyl Chloride  U.S CAA (Clean Air Act) - Class I Ozone Depletors  *Polyvinyl Chloride  *Polyvinyl Chloride  *Polyvinyl Chloride  *Polyvinyl Chloride  *Polyvinyl Chloride  *Polyvinyl Chloride	9002-86-2 75-01-4 9002-86-2 75-01-4	Not Listed Not Listed  Not Listed  0.5 ppm Action Level (See 29 CFR 1910.1017); 1 ppm TWA (See 29 CFR 1910.1017); 5 ppm STEL (See 29 CFR 1910.1017, 15 min) Not Listed  Not Listed  Not Listed  Not Listed  Not Listed
U.S OSHA - Process Safety Management - Highly Hazardous Chemicals  *Polyvinyl Chloride as Particulates not otherwise classified (PNOC)  *Vinyl Chloride  *Polyvinyl Chloride  U.S OSHA - Specifically Regulated Chemicals  *Polyvinyl Chloride as Particulates not otherwise classified (PNOC)   *Vinyl Chloride  Environment  U.S CAA (Clean Air Act) - 1990 Hazardous Air Pollutants  *Polyvinyl Chloride as Particulates not otherwise classified (PNOC)  *Vinyl Chloride  *Polyvinyl Chloride  *Polyvinyl Chloride  U.S CAA (Clean Air Act) - Class I Ozone Depletors  *Polyvinyl Chloride as Particulates not otherwise classified (PNOC)  *Vinyl Chloride  *Polyvinyl Chloride as Particulates not otherwise classified (PNOC)  *Vinyl Chloride  *Polyvinyl Chloride	9002-86-2 75-01-4 9002-86-2 75-01-4	Not Listed Not Listed  Not Listed  0.5 ppm Action Level (See 29 CFR 1910.1017); 1 ppm TWA (See 29 CFR 1910.1017); 5 ppm STEL (See 29 CFR 1910.1017, 15 min) Not Listed  Not Listed  Not Listed  Not Listed  Not Listed
U.S OSHA - Process Safety Management - Highly Hazardous Chemicals  *Polyvinyl Chloride as Particulates not otherwise classified (PNOC)  *Vinyl Chloride  *Polyvinyl Chloride  U.S OSHA - Specifically Regulated Chemicals  *Polyvinyl Chloride as Particulates not otherwise classified (PNOC)  *Vinyl Chloride  Environment  U.S CAA (Clean Air Act) - 1990 Hazardous Air Pollutants  *Polyvinyl Chloride as Particulates not otherwise classified (PNOC)  *Vinyl Chloride  *Polyvinyl Chloride  U.S CAA (Clean Air Act) - Class I Ozone Depletors  *Polyvinyl Chloride as Particulates not otherwise classified (PNOC)  *Vinyl Chloride  U.S CAA (Clean Air Act) - Class I Ozone Depletors  *Polyvinyl Chloride  *Polyvinyl Chloride  *Polyvinyl Chloride  *Polyvinyl Chloride  *Polyvinyl Chloride  *Polyvinyl Chloride	9002-86-2 75-01-4 9002-86-2 75-01-4	Not Listed Not Listed  Not Listed  0.5 ppm Action Level (See 29 CFR 1910.1017); 1 ppm TWA (See 29 CFR 1910.1017, 5 ppm STEL (See 29 CFR 1910.1017, 15 min) Not Listed
U.S OSHA - Process Safety Management - Highly Hazardous Chemicals  •Polyvinyl Chloride as Particulates not otherwise classified (PNOC)  •Vinyl Chloride  •Polyvinyl Chloride  U.S OSHA - Specifically Regulated Chemicals  •Polyvinyl Chloride as Particulates not otherwise classified (PNOC)  •Vinyl Chloride  •Polyvinyl Chloride  Environment  U.S CAA (Clean Air Act) - 1990 Hazardous Air Pollutants  •Polyvinyl Chloride as Particulates not otherwise classified (PNOC)  •Vinyl Chloride  •Polyvinyl Chloride  U.S CAA (Clean Air Act) - Class I Ozone Depletors  •Polyvinyl Chloride  •Polyvinyl Chloride as Particulates not otherwise classified (PNOC)  •Vinyl Chloride  •Polyvinyl Chloride as Particulates not otherwise classified (PNOC)  •Vinyl Chloride	75-01-4 9002-86-2 75-01-4 9002-86-2 75-01-4 9002-86-2	Not Listed Not Listed  Not Listed  0.5 ppm Action Level (See 29 CFR 1910.1017); 1 ppm TWA (See 29 CFR 1910.1017, 5 ppm STEL (See 29 CFR 1910.1017, 15 min) Not Listed
U.S OSHA - Process Safety Management - Highly Hazardous Chemicals  *Polyvinyl Chloride as Particulates not otherwise classified (PNOC)  *Vinyl Chloride  *Polyvinyl Chloride  U.S OSHA - Specifically Regulated Chemicals  *Polyvinyl Chloride as Particulates not otherwise classified (PNOC)  *Vinyl Chloride  Environment  U.S CAA (Clean Air Act) - 1990 Hazardous Air Pollutants  *Polyvinyl Chloride as Particulates not otherwise classified (PNOC)  *Vinyl Chloride  *Polyvinyl Chloride  U.S CAA (Clean Air Act) - Class I Ozone Depletors  *Polyvinyl Chloride  *Polyvinyl Chloride as Particulates not otherwise classified (PNOC)  *Vinyl Chloride  *Polyvinyl Chloride as Particulates not otherwise classified (PNOC)  *Vinyl Chloride  *Polyvinyl Chloride as Particulates not otherwise classified (PNOC)  *Vinyl Chloride  *Polyvinyl Chloride	75-01-4 9002-86-2 75-01-4 9002-86-2 75-01-4 9002-86-2	Not Listed Not Listed  Not Listed  0.5 ppm Action Level (See 29 CFR 1910.1017); 1 ppm TWA (See 29 CFR 1910.1017); 5 ppm STEL (See 29 CFR 1910.1017, 15 min) Not Listed
U.S OSHA - Process Safety Management - Highly Hazardous Chemicals  Polyvinyl Chloride as Particulates not otherwise classified (PNOC)  Vinyl Chloride  Polyvinyl Chloride  U.S OSHA - Specifically Regulated Chemicals  Polyvinyl Chloride as Particulates not otherwise classified (PNOC)   Vinyl Chloride  Polyvinyl Chloride  Environment  U.S CAA (Clean Air Act) - 1990 Hazardous Air Pollutants  Polyvinyl Chloride as Particulates not otherwise classified (PNOC)  Vinyl Chloride  Polyvinyl Chloride  U.S CAA (Clean Air Act) - Class I Ozone Depletors  Polyvinyl Chloride as Particulates not otherwise classified (PNOC)  Vinyl Chloride  Polyvinyl Chloride  U.S CAA (Clean Air Act) - Class II Ozone Depletors  Polyvinyl Chloride  U.S CAA (Clean Air Act) - Class II Ozone Depletors  Polyvinyl Chloride  Polyvinyl Chloride as Particulates not otherwise classified (PNOC)  Vinyl Chloride  Polyvinyl Chloride  Polyvinyl Chloride  Polyvinyl Chloride  Polyvinyl Chloride  Polyvinyl Chloride	75-01-4 9002-86-2 75-01-4 9002-86-2 75-01-4 9002-86-2	Not Listed Not Listed  Not Listed  0.5 ppm Action Level (See 29 CFR 1910.1017); 1 ppm TWA (See 29 CFR 1910.1017, 5 ppm STEL (See 29 CFR 1910.1017, 15 min) Not Listed
U.S OSHA - Process Safety Management - Highly Hazardous Chemicals  Polyvinyl Chloride as Particulates not otherwise classified (PNOC)  Vinyl Chloride  Polyvinyl Chloride  U.S OSHA - Specifically Regulated Chemicals  Polyvinyl Chloride as Particulates not otherwise classified (PNOC)   Vinyl Chloride  Environment  U.S CAA (Clean Air Act) - 1990 Hazardous Air Pollutants  Polyvinyl Chloride as Particulates not otherwise classified (PNOC)  Vinyl Chloride  Polyvinyl Chloride  U.S CAA (Clean Air Act) - Class I Ozone Depletors  Polyvinyl Chloride as Particulates not otherwise classified (PNOC)  Vinyl Chloride  Polyvinyl Chloride  U.S CAA (Clean Air Act) - Class II Ozone Depletors  Polyvinyl Chloride  Polyvinyl Chloride  U.S CAA (Clean Air Act) - Class II Ozone Depletors  Polyvinyl Chloride  Polyvinyl Chloride as Particulates not otherwise classified (PNOC)  Vinyl Chloride  Polyvinyl Chloride as Particulates not otherwise classified (PNOC)	75-01-4 9002-86-2 75-01-4 9002-86-2 75-01-4 9002-86-2 75-01-4 9002-86-2	Not Listed Not Listed  Not Listed  0.5 ppm Action Level (See 29 CFR 1910.1017); 1 ppm TWA (See 29 CFR 1910.1017, 5 ppm STEL (See 29 CFR 1910.1017, 15 min) Not Listed  Not Listed
U.S OSHA - Process Safety Management - Highly Hazardous Chemicals  Polyvinyl Chloride as Particulates not otherwise classified (PNOC)  Vinyl Chloride  Polyvinyl Chloride  U.S OSHA - Specifically Regulated Chemicals  Polyvinyl Chloride as Particulates not otherwise classified (PNOC)   Vinyl Chloride  Polyvinyl Chloride  Environment  U.S CAA (Clean Air Act) - 1990 Hazardous Air Pollutants  Polyvinyl Chloride as Particulates not otherwise classified (PNOC)  Vinyl Chloride  Polyvinyl Chloride  U.S CAA (Clean Air Act) - Class I Ozone Depletors  Polyvinyl Chloride as Particulates not otherwise classified (PNOC)  Vinyl Chloride  Polyvinyl Chloride  U.S CAA (Clean Air Act) - Class II Ozone Depletors  Polyvinyl Chloride  U.S CAA (Clean Air Act) - Class II Ozone Depletors  Polyvinyl Chloride  Polyvinyl Chloride as Particulates not otherwise classified (PNOC)  Vinyl Chloride  Polyvinyl Chloride  Polyvinyl Chloride  Polyvinyl Chloride  Polyvinyl Chloride  Polyvinyl Chloride	75-01-4 9002-86-2 75-01-4 9002-86-2 75-01-4 9002-86-2	Not Listed Not Listed  Not Listed  0.5 ppm Action Level (See 29 CFR 1910.1017); 1 ppm TWA (See 29 CFR 1910.1017, 5 ppm STEL (See 29 CFR 1910.1017, 15 min) Not Listed

•Polyvinyl Chloride U.S CERCLA/SARA - Section 302 Extremely Hazardous Substances EPCRA RQ	9002-86-2	Not Listed
Polyvinyl Chloride as Particulates not otherwise classified (PNOC)		Not Listed
	75 04 4	
•Vinyl Chloride	75-01-4	Not Listed
•Polyvinyl Chloride	9002-86-2	Not Listed
U.S CERCLA/SARA - Section 302 Extremely Hazardous Substances TPQs		
<ul> <li>Polyvinyl Chloride as Particulates not otherwise classified (PNOC)</li> </ul>		Not Listed
•Vinyl Chloride	75-01-4	Not Listed
Polyvinyl Chloride	9002-86-2	Not Listed
U.S CERCLA/SARA - Section 313 - Emission Reporting		
Polyvinyl Chloride as Particulates not otherwise classified (PNOC)		Not Listed
		0.1 % de minimis
Vinyl Chloride	75-01-4	concentration
•Polyvinyl Chloride	9002-86-2	Not Listed
U.S CERCLA/SARA - Section 313 - PBT Chemical Listing	3002-00-2	Not Listed
		Not Listed
Polyvinyl Chloride as Particulates not otherwise classified (PNOC)	75.04.4	Not Listed
•Vinyl Chloride	75-01-4	Not Listed
Polyvinyl Chloride	9002-86-2	Not Listed
U.S RCRA (Resource Conservation & Recovery Act) - Basis for Listing - Appen	dix VII	
<ul> <li>Polyvinyl Chloride as Particulates not otherwise classified (PNOC)</li> </ul>		Not Listed
		Included in waste streams:
•Vinyl Chloride	75-01-4	F024, F025, F039, K019,
		K020, K028, K029
Polyvinyl Chloride	9002-86-2	Not Listed
U.S RCRA (Resource Conservation & Recovery Act) - Hazardous Constituents	- Appendix VIII to	40 CFR 261
Polyvinyl Chloride as Particulates not otherwise classified (PNOC)		Not Listed
•Vinyl Chloride	75-01-4	waste number U043
•Polyvinyl Chloride	9002-86-2	Not Listed
	9002-00-2	Not Listed
<ul> <li>U.S TSCA (Toxic Substances Control Act) - Section 12(b) - Export Notification</li> <li>Polyvinyl Chloride as Particulates not otherwise classified (PNOC)</li> </ul>		Not Listed
•Polyvinyi Chionge as Particulates not otherwise classified (PNOC)		Not Listed
	75.04.4	ALCER C
•Vinyl Chloride	75-01-4	Not Listed
	75-01-4 9002-86-2	Not Listed Not Listed
•Vinyl Chloride		
Vinyl Chloride Polyvinyl Chloride  United States - California		
Vinyl Chloride Polyvinyl Chloride  United States - California  Environment		
•Vinyl Chloride •Polyvinyl Chloride  United States - California  Environment  U.S California - Proposition 65 - Carcinogens List		Not Listed
Vinyl Chloride Polyvinyl Chloride  United States - California  Environment		Not Listed
Vinyl Chloride Polyvinyl Chloride  United States - California  Environment U.S California - Proposition 65 - Carcinogens List Polyvinyl Chloride as Particulates not otherwise classified (PNOC) Vinyl Chloride	9002-86-2 75-01-4	Not Listed  Not Listed carcinogen, initial date 2/27/87
•Vinyl Chloride     •Polyvinyl Chloride  United States - California  Environment     U.S California - Proposition 65 - Carcinogens List     •Polyvinyl Chloride as Particulates not otherwise classified (PNOC)	9002-86-2	Not Listed  Not Listed carcinogen, initial date
Vinyl Chloride Polyvinyl Chloride  United States - California  Environment U.S California - Proposition 65 - Carcinogens List Polyvinyl Chloride as Particulates not otherwise classified (PNOC) Vinyl Chloride	9002-86-2 75-01-4	Not Listed  Not Listed carcinogen, initial date 2/27/87
Vinyl Chloride Polyvinyl Chloride  United States - California  Environment U.S California - Proposition 65 - Carcinogens List Polyvinyl Chloride as Particulates not otherwise classified (PNOC)  Vinyl Chloride Polyvinyl Chloride	9002-86-2 75-01-4	Not Listed  Not Listed carcinogen, initial date 2/27/87
•Vinyl Chloride     •Polyvinyl Chloride  United States - California  Environment     U.S California - Proposition 65 - Carcinogens List     •Polyvinyl Chloride as Particulates not otherwise classified (PNOC)      •Vinyl Chloride     •Polyvinyl Chloride     U.S California - Proposition 65 - Developmental Toxicity     •Polyvinyl Chloride as Particulates not otherwise classified (PNOC)	9002-86-2 75-01-4	Not Listed  Not Listed carcinogen, initial date 2/27/87 Not Listed
Vinyl Chloride Polyvinyl Chloride  United States - California  Environment U.S California - Proposition 65 - Carcinogens List Polyvinyl Chloride as Particulates not otherwise classified (PNOC)  Vinyl Chloride Polyvinyl Chloride U.S California - Proposition 65 - Developmental Toxicity Polyvinyl Chloride as Particulates not otherwise classified (PNOC) Vinyl Chloride	9002-86-2 75-01-4 9002-86-2 75-01-4	Not Listed  Not Listed carcinogen, initial date 2/27/87 Not Listed  Not Listed Not Listed
Vinyl Chloride Polyvinyl Chloride  United States - California  Environment U.S California - Proposition 65 - Carcinogens List Polyvinyl Chloride as Particulates not otherwise classified (PNOC)  Vinyl Chloride Polyvinyl Chloride U.S California - Proposition 65 - Developmental Toxicity Polyvinyl Chloride as Particulates not otherwise classified (PNOC) Vinyl Chloride Polyvinyl Chloride Polyvinyl Chloride	9002-86-2 75-01-4 9002-86-2	Not Listed  Not Listed carcinogen, initial date 2/27/87 Not Listed  Not Listed
Vinyl Chloride Polyvinyl Chloride  United States - California  Environment U.S California - Proposition 65 - Carcinogens List Polyvinyl Chloride as Particulates not otherwise classified (PNOC)  Vinyl Chloride Polyvinyl Chloride U.S California - Proposition 65 - Developmental Toxicity Polyvinyl Chloride as Particulates not otherwise classified (PNOC) Vinyl Chloride Polyvinyl Chloride Polyvinyl Chloride U.S California - Proposition 65 - Maximum Allowable Dose Levels (MADL)	9002-86-2 75-01-4 9002-86-2 75-01-4	Not Listed  Not Listed carcinogen, initial date 2/27/87 Not Listed  Not Listed Not Listed Not Listed Not Listed
*Vinyl Chloride     *Polyvinyl Chloride  United States - California  Environment     U.S California - Proposition 65 - Carcinogens List     *Polyvinyl Chloride as Particulates not otherwise classified (PNOC)      *Vinyl Chloride     *Polyvinyl Chloride     U.S California - Proposition 65 - Developmental Toxicity     *Polyvinyl Chloride as Particulates not otherwise classified (PNOC)      *Vinyl Chloride     *Polyvinyl Chloride as Particulates not otherwise classified (PNOC)  *Polyvinyl Chloride as Particulates not otherwise classified (PNOC)	75-01-4 9002-86-2 75-01-4 9002-86-2	Not Listed  Not Listed carcinogen, initial date 2/27/87 Not Listed  Not Listed Not Listed Not Listed Not Listed Not Listed
Vinyl Chloride Polyvinyl Chloride  United States - California  Environment U.S California - Proposition 65 - Carcinogens List Polyvinyl Chloride as Particulates not otherwise classified (PNOC)  Vinyl Chloride Polyvinyl Chloride U.S California - Proposition 65 - Developmental Toxicity Polyvinyl Chloride as Particulates not otherwise classified (PNOC)  Vinyl Chloride Polyvinyl Chloride Polyvinyl Chloride U.S California - Proposition 65 - Maximum Allowable Dose Levels (MADL) Polyvinyl Chloride as Particulates not otherwise classified (PNOC)  Vinyl Chloride	75-01-4 9002-86-2 75-01-4 9002-86-2 75-01-4	Not Listed  Not Listed carcinogen, initial date 2/27/87 Not Listed  Not Listed Not Listed Not Listed Not Listed Not Listed Not Listed Not Listed Not Listed
Vinyl Chloride Polyvinyl Chloride  United States - California  Environment U.S California - Proposition 65 - Carcinogens List Polyvinyl Chloride as Particulates not otherwise classified (PNOC)  Vinyl Chloride Polyvinyl Chloride U.S California - Proposition 65 - Developmental Toxicity Polyvinyl Chloride as Particulates not otherwise classified (PNOC)  Vinyl Chloride Polyvinyl Chloride Polyvinyl Chloride U.S California - Proposition 65 - Maximum Allowable Dose Levels (MADL) Polyvinyl Chloride as Particulates not otherwise classified (PNOC)  Vinyl Chloride Polyvinyl Chloride Polyvinyl Chloride	75-01-4 9002-86-2 75-01-4 9002-86-2	Not Listed  Not Listed carcinogen, initial date 2/27/87 Not Listed  Not Listed Not Listed Not Listed Not Listed Not Listed
Vinyl Chloride Polyvinyl Chloride  United States - California  Environment U.S California - Proposition 65 - Carcinogens List Polyvinyl Chloride as Particulates not otherwise classified (PNOC)  Vinyl Chloride Polyvinyl Chloride U.S California - Proposition 65 - Developmental Toxicity Polyvinyl Chloride as Particulates not otherwise classified (PNOC)  Vinyl Chloride Polyvinyl Chloride U.S California - Proposition 65 - Maximum Allowable Dose Levels (MADL) Polyvinyl Chloride as Particulates not otherwise classified (PNOC)  Vinyl Chloride Polyvinyl Chloride	75-01-4 9002-86-2 75-01-4 9002-86-2 75-01-4	Not Listed  Carcinogen, initial date 2/27/87  Not Listed
Vinyl Chloride Polyvinyl Chloride  United States - California  Environment U.S California - Proposition 65 - Carcinogens List Polyvinyl Chloride as Particulates not otherwise classified (PNOC)  Vinyl Chloride Polyvinyl Chloride U.S California - Proposition 65 - Developmental Toxicity Polyvinyl Chloride as Particulates not otherwise classified (PNOC)  Vinyl Chloride Polyvinyl Chloride Polyvinyl Chloride U.S California - Proposition 65 - Maximum Allowable Dose Levels (MADL) Polyvinyl Chloride as Particulates not otherwise classified (PNOC)	75-01-4 9002-86-2 75-01-4 9002-86-2 75-01-4 9002-86-2	Not Listed  Not Listed carcinogen, initial date 2/27/87 Not Listed  Not Listed Not Listed Not Listed Not Listed Not Listed Not Listed Not Listed Not Listed Not Listed Not Listed Not Listed Not Listed
Vinyl Chloride Polyvinyl Chloride  United States - California  Environment U.S California - Proposition 65 - Carcinogens List Polyvinyl Chloride as Particulates not otherwise classified (PNOC)  Vinyl Chloride Polyvinyl Chloride U.S California - Proposition 65 - Developmental Toxicity Polyvinyl Chloride as Particulates not otherwise classified (PNOC)  Vinyl Chloride Polyvinyl Chloride Polyvinyl Chloride U.S California - Proposition 65 - Maximum Allowable Dose Levels (MADL) Polyvinyl Chloride U.S California - Proposition 65 - No Significant Risk Levels (NSRL) Polyvinyl Chloride Polyvinyl Chloride VI.S California - Proposition 65 - No Significant Risk Levels (NSRL) Polyvinyl Chloride as Particulates not otherwise classified (PNOC) Vinyl Chloride	75-01-4 9002-86-2 75-01-4 9002-86-2 75-01-4	Not Listed  Carcinogen, initial date 2/27/87  Not Listed
Vinyl Chloride Polyvinyl Chloride  United States - California  Environment U.S California - Proposition 65 - Carcinogens List Polyvinyl Chloride as Particulates not otherwise classified (PNOC)  Vinyl Chloride Polyvinyl Chloride U.S California - Proposition 65 - Developmental Toxicity Polyvinyl Chloride as Particulates not otherwise classified (PNOC)  Vinyl Chloride Polyvinyl Chloride U.S California - Proposition 65 - Maximum Allowable Dose Levels (MADL) Polyvinyl Chloride as Particulates not otherwise classified (PNOC)  Vinyl Chloride Polyvinyl Chloride U.S California - Proposition 65 - No Significant Risk Levels (NSRL) Polyvinyl Chloride as Particulates not otherwise classified (PNOC)  Vinyl Chloride Polyvinyl Chloride Polyvinyl Chloride	75-01-4 9002-86-2 75-01-4 9002-86-2 75-01-4 9002-86-2	Not Listed  Not Listed carcinogen, initial date 2/27/87 Not Listed  Not Listed Not Listed Not Listed Not Listed Not Listed Not Listed Not Listed Not Listed Not Listed Not Listed Not Listed Not Listed
Vinyl Chloride Polyvinyl Chloride  United States - California  Environment U.S California - Proposition 65 - Carcinogens List Polyvinyl Chloride as Particulates not otherwise classified (PNOC)  Vinyl Chloride Polyvinyl Chloride U.S California - Proposition 65 - Developmental Toxicity Polyvinyl Chloride as Particulates not otherwise classified (PNOC)  Vinyl Chloride Polyvinyl Chloride Polyvinyl Chloride U.S California - Proposition 65 - Maximum Allowable Dose Levels (MADL) Polyvinyl Chloride U.S California - Proposition 65 - No Significant Risk Levels (NSRL) Polyvinyl Chloride Polyvinyl Chloride VI.S California - Proposition 65 - No Significant Risk Levels (NSRL) Polyvinyl Chloride as Particulates not otherwise classified (PNOC) Vinyl Chloride	75-01-4 9002-86-2 75-01-4 9002-86-2 75-01-4 9002-86-2 75-01-4	Not Listed  Not Listed carcinogen, initial date 2/27/87 Not Listed
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## 15.2 Chemical Safety Assessment

• No Chemical Safety Assessment has been carried out.

#### 15.3 Other Information

• WARNING: This product contains a chemical known to the State of California to cause cancer.

#### **Section 16 - Other Information**

**Last Revision Date** 

- 01/May/2015
- **Preparation Date**
- 01/May/2015

#### Key to abbreviations

NDA = No data available

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