

## POR-15 SILVER

Version number: GHS 3.0  
Replaces version of: 2023-12-07 (GHS 2)

Revision: 2024-06-17

### SECTION 1: Identification

#### 1.1 Product identifier

Trade name **POR-15 SILVER**  
Product code(s) 45301, 45304, 45305, 45308, 45355

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

Relevant identified uses Paint

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

P.O.R. Products  
38 Portman Road  
New Rochelle NY 10801  
United States

Telephone: +1 914-636-0700  
e-mail: support@porproducts.com  
Website: www.porproducts.com

e-mail (competent person) support@porproducts.com

#### 1.4 Emergency telephone number

Emergency information service 1-800-255-3924  
ChemTel Inc.

### SECTION 2: Hazard(s) identification

#### 2.1 Classification of the substance or mixture

Classification acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)

Section	Hazard class	Category	Hazard class and category	Hazard statement
B.6	flammable liquid	3	Flam. Liq. 3	H226

For full text of abbreviations: see SECTION 16.

The most important adverse physicochemical, human health and environmental effects

The product is combustible and can be ignited by potential ignition sources.

#### 2.2 Label elements

Labelling acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)

- Signal word warning

- Pictograms

GHS02



- Hazard statements

H226 Flammable liquid and vapor.

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### - Precautionary statements

P210	Keep away from heat/sparks/open flames/hot surfaces. No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P280	Wear protective gloves/eye protection/face protection.
P303+P361+P353	If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P370+P378	In case of fire: Use sand, carbon dioxide or powder extinguisher to extinguish.
P403+P235	Store in a well-ventilated place. Keep cool.
P501	Dispose of contents/container to industrial combustion plant.

### 2.3 Other hazards

Hazards not otherwise classified

Contains isocyanates. May produce an allergic reaction.  
Contains epoxy constituents. May produce an allergic reaction.

Results of PBT and vPvB assessment

Does not contain a PBT-/vPvB-substance at a concentration of  $\geq 0.1\%$ .

Endocrine disrupting properties

Does not contain an endocrine disruptor (ED) in a concentration of  $\geq 0.1\%$ .

## SECTION 3: Composition/information on ingredients

### 3.1 Substances

Not relevant (mixture)

### 3.2 Mixtures

Description of the mixture

Name of substance	Identifier	Wt%	Classification acc. to GHS
POR-15 SILVER		$\geq 90$	Flam. Liq. 3 / H226

### Remarks

For full text of abbreviations: see SECTION 16

## SECTION 4: First-aid measures

### 4.1 Description of first-aid measures

General notes

Do not leave affected person unattended. Remove victim out of the danger area. Keep affected person warm, still and covered. Take off immediately all contaminated clothing. In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness place person in the recovery position. Never give anything by mouth.

Following inhalation

If breathing is irregular or stopped, immediately seek medical assistance and start first aid actions. Provide fresh air.



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Following skin contact

Wash with plenty of soap and water.

Following eye contact

Remove contact lenses, if present and easy to do. Continue rinsing. Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart.

Following ingestion

Rinse mouth with water (only if the person is conscious). Do NOT induce vomiting.

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

Symptoms and effects are not known to date.

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

none

## SECTION 5: Fire-fighting measures

### 5.1 Extinguishing media

Suitable extinguishing media

Water spray, BC-powder, Carbon dioxide (CO<sub>2</sub>)

Unsuitable extinguishing media

Water jet

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

In case of insufficient ventilation and/or in use, may form flammable/explosive vapor-air mixture. Solvent vapors are heavier than air and may spread along floors. Places which are not ventilated, e.g. unventilated below ground level areas such as trenches, conduits and shafts, are particularly prone to the presence of flammable substances or mixtures.

Hazardous combustion products

Nitrogen oxides (NO<sub>x</sub>), Carbon monoxide (CO), Carbon dioxide (CO<sub>2</sub>)

### 5.3 Advice for firefighters

In case of fire and/or explosion do not breathe fumes. Coordinate firefighting measures to the fire surroundings. Do not allow firefighting water to enter drains or water courses. Collect contaminated firefighting water separately. Fight fire with normal precautions from a reasonable distance.

## SECTION 6: Accidental release measures

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

For non-emergency personnel

Remove persons to safety.

For emergency responders

Wear breathing apparatus if exposed to vapors/dust/aerosols/gases.

### 6.2 Environmental precautions

Keep away from drains, surface and ground water. Retain contaminated washing water and dispose of it.

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

Advice on how to contain a spill

Covering of drains

Advice on how to clean up a spill

Wipe up with absorbent material (e.g. cloth, fleece). Collect spillage: sawdust, kieselgur (diatomite), sand, universal binder

Appropriate containment techniques

Use of adsorbent materials.

Other information relating to spills and releases

Place in appropriate containers for disposal. Ventilate affected area.

### 6.4 Reference to other sections

Hazardous combustion products: see section 5. Personal protective equipment: see section 8. Incompatible materials: see section 10. Disposal considerations: see section 13.

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Recommendations

- Measures to prevent fire as well as aerosol and dust generation

Use local and general ventilation. Avoidance of ignition sources. Keep away from sources of ignition - No smoking. Take precautionary measures against static discharge. Use only in well-ventilated areas. Due to danger of explosion, prevent leakage of vapours into cellars, flues and ditches. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools.

- Specific notes/details

Places which are not ventilated, e.g. unventilated below ground level areas such as trenches, conduits and shafts, are particularly prone to the presence of flammable substances or mixtures. Vapors are heavier than air, spread along floors and form explosive mixtures with air. Vapors may form explosive mixtures with air.

Advice on general occupational hygiene

Wash hands after use. Do not eat, drink and smoke in work areas. Remove contaminated clothing and protective equipment before entering eating areas. Never keep food or drink in the vicinity of chemicals. Never place chemicals in containers that are normally used for food or drink. Keep away from food, drink and animal feedingstuffs.

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

Managing of associated risks

- Explosive atmospheres

Keep container tightly closed and in a well-ventilated place. Use local and general ventilation. Keep cool. Protect from sunlight.

- Flammability hazards

Keep away from sources of ignition - No smoking. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Take precautionary measures against static discharge. Protect from sunlight.

- Ventilation requirements

Use local and general ventilation. Ground/bond container and receiving equipment.

- Packaging compatibilities

Only packagings which are approved (e.g. acc. to the Dangerous Goods Regulations) may be used.

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### 7.3 Specific end use(s)

See section 16 for a general overview.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

Occupational exposure limit values (Workplace Exposure Limits)

Country	Name of agent	CAS No	Identifier	TWA [ppm]	TWA [mg/m <sup>3</sup> ]	STEL [ppm]	STEL [mg/m <sup>3</sup> ]	Ceiling-C [ppm]	Ceiling-C [mg/m <sup>3</sup> ]	Notation	Source
US	methylbis(phenylisocyanate) (4,4'-MDI)	101-68-8	PEL					0.02	0.2		29 CFR 1910.1000
US	methylenebis(p-phenyl isocyanate)	101-68-8	REL	0.005 (10 h)	0.05 (10 h)			0.02 (10 min)	0.2 (10 min)		NIOSH REL
US	methylenebis(p-phenyl isocyanate)	101-68-8	TLV®	0.005							ACGIH® 2023
US	methylenebis(p-phenyl isocyanate) (4,4'-MDI) (4,4'-diphenylmethanediisocyanate)	101-68-8	PEL (CA)	0.005	0.051						Cal/OSHA PEL
US	petroleum distillates (naphtha) (rubber solvent)	64742-48-9	PEL	500	2,000						29 CFR 1910.1000
US	aluminium	7429-90-5	REL		10 (10 h)						NIOSH REL
US	aluminium	7429-90-5	PEL (CA)		10					dust	Cal/OSHA PEL
US	aluminium	7429-90-5	PEL		15					dust	29 CFR 1910.1000
US	aluminium	7429-90-5	PEL (CA)		5					fume_weld	Cal/OSHA PEL
US	aluminium	7429-90-5	REL		5 (10 h)					fume_weld	NIOSH REL
US	aluminium	7429-90-5	PEL (CA)		5					pyro_p	Cal/OSHA PEL
US	aluminium	7429-90-5	REL		5 (10 h)					pyro_p	NIOSH REL
US	aluminium	7429-90-5	PEL (CA)		5					r	Cal/OSHA PEL
US	aluminium	7429-90-5	REL		5 (10 h)					r	NIOSH REL



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### Occupational exposure limit values (Workplace Exposure Limits)

Country	Name of agent	CAS No	Identifier	TWA [ppm]	TWA [mg/m <sup>3</sup> ]	STEL [ppm]	STEL [mg/m <sup>3</sup> ]	Ceiling-C [ppm]	Ceiling-C [mg/m <sup>3</sup> ]	Notation	Source
US	aluminium	7429-90-5	TLV®		1					r	ACGIH® 2023
US	aluminium	7429-90-5	PEL		5					r	29 CFR 1910.1000
US	acetaldehyde	75-07-0	PEL (CA)					25	45		Ca/ OSHA PEL
US	acetaldehyde	75-07-0	TLV®					25			ACGIH® 2023
US	acetaldehyde	75-07-0	PEL	200	360						29 CFR 1910.1000
US	acetaldehyde	75-07-0	REL							lowest, appx-A, appx-C	NIOSH REL
US	propylene oxide	75-56-9	TLV®	2							ACGIH® 2023
US	propylene oxide	75-56-9	PEL	100	240						29 CFR 1910.1000
US	propylene oxide	75-56-9	REL							lowest, appx-A	NIOSH REL
US	propylene oxide (1,2-epoxypropane)	75-56-9	PEL (CA)	2	4.75						Ca/ OSHA PEL
US	1,2,4-trimethylbenzene	95-63-6	REL	25 (10 h)	125 (10 h)						NIOSH REL
US	1,2,4-trimethylbenzene	95-63-6	TLV®	10							ACGIH® 2023
US	cumene	98-82-8	TLV®	5							ACGIH® 2023
US	cumene	98-82-8	REL	50 (10 h)	245 (10 h)					H	NIOSH REL
US	cumene	98-82-8	PEL	50	245					H	29 CFR 1910.1000
US	cumene (isopropylbenzene)	98-82-8	PEL (CA)	50	245					H	Ca/ OSHA PEL

#### Notation

appx-A NIOSH Potential Occupational Carcinogen (Appendix A)  
 appx-C Appendix C - Supplementary Exposure Limits  
 Ceiling-C ceiling value is a limit value above which exposure should not occur as dust

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**Notation**

fume_weld	as welding fumes
H	absorbed through the skin
lowest	exposure by all routes should be carefully controlled to levels as low as possible
pyro_p	as pyrophoric powder
r	respirable fraction
STEL	short-term exposure limit: a limit value above which exposure should not occur and which is related to a 15-minute period (unless otherwise specified)
TWA	time-weighted average (long-term exposure limit): measured or calculated in relation to a reference period of 8 hours time-weighted average (unless otherwise specified)

### 8.2 Exposure controls

Appropriate engineering controls

General ventilation.

Individual protection measures (personal protective equipment)

Eye/face protection

Wear eye/face protection.

Skin protection

- Hand protection

Wear suitable gloves. Chemical protection gloves are suitable, which are tested according to EN 374. Check leak-tightness/impermeability prior to use. In the case of wanting to use the gloves again, clean them before taking off and air them well. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

- Other protection measures

Take recovery periods for skin regeneration. Preventive skin protection (barrier creams/ointments) is recommended. Wash hands thoroughly after handling.

Respiratory protection

In case of inadequate ventilation wear respiratory protection.

Environmental exposure controls

Use appropriate container to avoid environmental contamination. Keep away from drains, surface and ground water.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

**Appearance**

Physical state	liquid
Color	not determined
Particle	not relevant (liquid)
Odor	characteristic



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### Other safety parameters

pH (value)	not determined
Melting point/freezing point	not determined
Initial boiling point and boiling range	≥-20 °C at 101.3 kPa
Flash point	43.3 °C
Evaporation rate	Not determined
Flammability (solid, gas)	not relevant, (fluid)

### Explosive limits

- Lower explosion limit (LEL)	0.9 vol%
- Upper explosion limit (UEL)	7.6 vol%

Vapor pressure	≤240 kPa at 37.8 °C
Density	not determined
Vapor density	this information is not available
Relative density	Information on this property is not available
Solubility(ies)	not determined

### Partition coefficient

- n-octanol/water (log KOW)	this information is not available
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Auto-ignition temperature	≥280 °C (auto-ignition temperature (liquids and gases))
Viscosity	not determined
Explosive properties	none
Oxidizing properties	none

<b>9.2</b>	<b>VOC Content g/L</b>	239
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### SECTION 10: Stability and reactivity

#### 10.1 Reactivity

Concerning incompatibility: see below "Conditions to avoid" and "Incompatible materials". The mixture contains reactive substance(s). Risk of ignition.

If heated:

Risk of ignition

#### 10.2 Chemical stability

See below "Conditions to avoid".

#### 10.3 Possibility of hazardous reactions

No known hazardous reactions.

#### 10.4 Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Hints to prevent fire or explosion

Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

#### 10.5 Incompatible materials

Oxidizers

#### 10.6 Hazardous decomposition products

Reasonably anticipated hazardous decomposition products produced as a result of use, storage, spill and heating are not known. Hazardous combustion products: see section 5.

### SECTION 11: Toxicological information

#### 11.1 Information on toxicological effects

Test data are not available for the complete mixture.

Classification procedure

The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

#### Classification acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)

Acute toxicity

Shall not be classified as acutely toxic.

Skin corrosion/irritation

Shall not be classified as corrosive/irritant to skin.

Serious eye damage/eye irritation

Shall not be classified as seriously damaging to the eye or eye irritant.

Respiratory or skin sensitization

Contains isocyanates. May produce an allergic reaction. Contains epoxy constituents. May produce an allergic reaction.

Germ cell mutagenicity

Shall not be classified as germ cell mutagenic.



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### Carcinogenicity

Shall not be classified as carcinogenic.

#### IARC Monographs on the Evaluation of Carcinogenic Risks to Humans

Name of substance	CAS No	Classification	Number
POR-15 SILVER	101-68-8	3	
POR-15 SILVER	75-07-0	2B	
POR-15 SILVER	75-07-0	1	
POR-15 SILVER	75-56-9	2B	
POR-15 SILVER	9016-87-9	3	
POR-15 SILVER	98-82-8	2B	

#### Legend

- 1 Carcinogenic to humans
- 2B Possibly carcinogenic to humans
- 3 Not classifiable as to carcinogenicity in humans

#### National Toxicology Program (United States): Report on Carcinogens

Name of substance	CAS No	Classification	Number
POR-15 SILVER	75-07-0	Reasonably anticipated to be a human carcinogen	6th Report on Carcinogens
POR-15 SILVER	75-56-9	Reasonably anticipated to be a human carcinogen	6th Report on Carcinogens
POR-15 SILVER	98-82-8	Reasonably anticipated to be a human carcinogen	13th Report on Carcinogens

### Reproductive toxicity

Shall not be classified as a reproductive toxicant.

### Specific target organ toxicity - single exposure

Shall not be classified as a specific target organ toxicant (single exposure).

### Specific target organ toxicity - repeated exposure

Shall not be classified as a specific target organ toxicant (repeated exposure).

### Aspiration hazard

Shall not be classified as presenting an aspiration hazard.



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### SECTION 12: Ecological information

#### 12.1 Toxicity

Shall not be classified as hazardous to the aquatic environment.

#### 12.2 Persistence and degradability

Data are not available.

#### 12.3 Bioaccumulative potential

Data are not available.

#### 12.4 Mobility in soil

Data are not available.

#### 12.5 Results of PBT and vPvB assessment

According to the results of its assessment, this substance is not a PBT or a vPvB. Does not contain a PBT-/vPvB-substance at a concentration of  $\geq 0.1\%$ .

#### 12.6 Endocrine disrupting properties

Does not contain an endocrine disruptor (ED) in a concentration of  $\geq 0.1\%$ .

#### 12.7 Other adverse effects

Data are not available.

### SECTION 13: Disposal considerations

#### 13.1 Waste treatment methods

Waste treatment-relevant information

Solvent reclamation/regeneration.

Sewage disposal-relevant information

Do not empty into drains. Avoid release to the environment. Refer to special instructions/safety data sheets.

Waste treatment of containers/packages

Only packagings which are approved (e.g. acc. to DOT) may be used. Completely emptied packages can be recycled. Handle contaminated packages in the same way as the substance itself.

#### Remarks

Please consider the relevant national or regional provisions. Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities.

### SECTION 14: Transport information

#### 14.1 UN number

DOT	UN 1263
IMDG-Code	UN 1263
ICAO-TI	UN 1263

#### 14.2 UN proper shipping name

DOT	Paint
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IMDG-Code	PAIN
ICAO-TI	Paint
<b>14.3 Transport hazard class(es)</b>	
DOT	3
IMDG-Code	3
ICAO-TI	3
<b>14.4 Packing group</b>	
DOT	III
IMDG-Code	III
ICAO-TI	III
<b>14.5 Environmental hazards</b>	non-environmentally hazardous acc. to the dangerous goods regulations
<b>14.6 Special precautions for user</b>	
There is no additional information.	
<b>14.7 Transport in bulk according to IMO instruments</b>	
The cargo is not intended to be carried in bulk.	

### Information for each of the UN Model Regulations

#### **Transport of dangerous goods by road or rail (49 CFR US DOT) - Additional information**

Particulars in the shipper's declaration	UN1263, Paint, 3, III
Reportable quantity (RQ)	100 lbs (45.4 kg) (POR-15 SILVER)
Danger label(s)	3
	
Special provisions (SP)	367, B1, B52, B131, IB3, T2, TP1, TP29
ERG No	128

#### **International Maritime Dangerous Goods Code (IMDG) - Additional information**

Marine pollutant	-
Danger label(s)	3
	
Special provisions (SP)	163, 223, 367, 955
Excepted quantities (EQ)	E1
Limited quantities (LQ)	5 L
EmS	F-E, <u>S-E</u>
Stowage category	A

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### International Civil Aviation Organization (ICAO-IATA/DGR) - Additional information

Danger label(s) 3



Special provisions (SP) A3, A72, A192

Excepted quantities (EQ) E1

Limited quantities (LQ) 10 L

### SECTION 15: Regulatory information

#### 15.1 Safety, health and environmental regulations specific for the product in question

##### National regulations (United States)

**Toxic Substance Control Act (TSCA)** all ingredients are listed (ACTIVE) or exempt from listing

##### Superfund Amendment and Reauthorization Act (SARA TITLE III )

- The List of Extremely Hazardous Substances and Their Threshold Planning Quantities (EPCRA Section 302, 304)

The List of Extremely Hazardous Substances and Their Threshold Planning Quantities				
Name of substance	CAS No	Notes	Reportable quantity (pounds)	Threshold planning quantity (pounds)
POR-15 SILVER	75-56-9	f	100	10000

**Legend**

f Chemical on the original list that does not meet toxicity criteria but because of its acute lethality, high production volume and known risk is considered chemical of concern ("Other chemicals"). (November 17, 1986, and February 15, 1990.)

- Specific Toxic Chemical Listings (EPCRA Section 313)

Toxics Release Inventory: Specific Toxic Chemical Listings			
Name of substance	CAS No	Remarks	Effective date
POR-15 SILVER	101-68-8		1986-12-31
POR-15 SILVER	7429-90-5	fume or dust	1986-12-31
POR-15 SILVER	75-07-0		1986-12-31
POR-15 SILVER	75-56-9		1986-12-31
POR-15 SILVER	9016-87-9		1994-12-31
POR-15 SILVER	95-63-6		1986-12-31
POR-15 SILVER	98-82-8		1986-12-31



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### Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)

- List of Hazardous Substances and Reportable Quantities (CERCLA section 102a) (40 CFR 302.4)

Name of substance	CAS No	Remarks	Statutory code	Final RQ pounds (Kg)
POR-15 SILVER	101-68-8		3	5000 (2270)
POR-15 SILVER	75-07-0		1 3 4	1000 (454)
POR-15 SILVER	75-56-9		1 3	100 (45,4)
POR-15 SILVER	98-82-8		3 4	5000 (2270)

**Legend**

- 1 "1" indicates that the statutory source is section 311(b)(2) of the Clean Water Act
- 3 "3" indicates that the source is section 112 of the Clean Air Act
- 4 "4" indicates that the source is section 3001 of the Resource Conservation and Recovery Act (RCRA)

### Clean Air Act

Name of substance	CAS No	Type of registration	Basis for listing	Threshold quantity (lbs)
POR-15 SILVER	75-07-0	Flammable substance	g	10000
POR-15 SILVER	75-56-9	Toxic substance	b	10000

**Legend**

- b On EHS list, vapor pressure 10 mmHg or greater.
- g Volatile flammable liquid

### Right to Know Hazardous Substance List

- Cleaning Product Right to Know Act Substance List (CA-RTK)

Name of substance	CAS No	Functionality	Authoritative Lists
POR-15 SILVER	101-68-8		CA TACs EC Annex VI Resp. Sens. - Cat. 1 Hazard Traits identified by DTSC IRIS Neurotoxicants OEHA RELs
POR-15 SILVER	26447-40-5		EC Annex VI Resp. Sens. - Cat. 1 Hazard Traits identified by DTSC
POR-15 SILVER	64742-48-9		Canada PBITs EC Annex VI CMRs - Cat. 1B
POR-15 SILVER	64742-95-6		EC Annex VI CMRs - Cat. 1B
POR-15 SILVER	7429-90-5		ATSDR Neurotoxicants CA MCLs CWA 303(d)



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Name of substance	CAS No	Functionality	Authoritative Lists
POR-15 SILVER	75-07-0		CA TACs EC Annex VI CMRs - Cat. 1B IARC Carcinogens - 2B IRIS Carcinogens - B2 IRIS Neurotoxicants NTP 13th RoC - reasonable OEHHA RELs Prop 65
POR-15 SILVER	75-56-9		CA TACs EC Annex VI CMRs - Cat. 1B IARC Carcinogens - 2B IRIS Carcinogens - B2 NTP 13th RoC - reasonable OEHHA RELs Prop 65
POR-15 SILVER	9016-87-9		OEHHA RELs
POR-15 SILVER	95-63-6		CA NLS IRIS Neurotoxicants
POR-15 SILVER	98-82-8		CA NLS CA TACs IARC Carcinogens - 2B NTP 13th RoC - reasonable OEHHA RELs Prop 65

### - Toxic or Hazardous Substance List (MA-TURA)

Name of substance	CAS No	DEP CODE	PBT / HHS / LHS	PBT / HHS Threshold	De Minimis Concentration Threshold
POR-15 SILVER	7429-90-5				1.0 %
POR-15 SILVER	75-07-0				0.1 %
POR-15 SILVER	75-56-9				1.0 %
POR-15 SILVER	95-63-6				1.0 %
POR-15 SILVER	98-82-8				0.1 %
POR-15 SILVER		1050			1.0 %

### - Hazardous Substances List (MN-ERTK)

Name of substance	CAS No	References	Remarks
POR-15 SILVER	101-68-8	A, N, O	
POR-15 SILVER	25551-13-7	A	
POR-15 SILVER	64742-48-9	A, O	
POR-15 SILVER	7429-90-5	A	
POR-15 SILVER	7429-90-5	A	fume
POR-15 SILVER	7429-90-5	A	dust



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Name of substance	CAS No	References	Remarks
POR-15 SILVER	75-07-0	A, O, *	
POR-15 SILVER	75-56-9	A, O, R, T, *	
POR-15 SILVER	98-82-8	A, O	skin
POR-15 SILVER		N	

**Legend**

- \* Substances which are regulated by OSHA as carcinogens; have been categorized by the ACGIH as either "human carcinogens" or "suspect of carcinogenic potential for man"; have been evaluated by the International Agency for Research on Cancer (IARC) and found to be carcinogens or potential carcinogens; or have been listed as a carcinogen or potential carcinogen in the Annual Report on Carcinogens published by the National Toxicology Program (NTP).
- A American Conference of Governmental Industrial Hygienists (ACGIH), "Threshold Limit Values for Chemical Substances and Physical Agents and Biological Exposure Indices for 1992-93", available from ACGIH
- dust If the substance poses an airborne particulate exposure hazard, the substance is followed by the word "dust."
- fume Small solid particles formed by the condensation of vapors of solid materials.
- N National Institute for Occupational Safety and Health (NIOSH), "Recommendations for Occupational Safety and Health Standards," August 1988, available from NIOSH, Publications Dissemination Office, Division of Standards Development and Technology Transfer
- O Occupational Safety and Health Administration (OSHA), Safety and Health Standards, Code of Federal Regulations, title 29, part 1910, subpart Z, "Toxic and Hazardous Substances, 1990." General information: Minnesota Department of Labor and Industry, Occupational Safety and Health Division
- R International Agency for Research on Cancer (IARC) Monographs on the Evaluation of the Carcinogenic Risks to Humans; Overall Evaluations of Carcinogenicity: An Updating of IARC Monographs Volumes 1 to 42, Supplement 7 (1987). Available from: WHO Publications Centre USA
- skin If a potential for absorption from skin contact merits special consideration, the word "skin" follows the substance name.
- T National Toxicology Program (NTP) "Fifth Annual Report on Carcinogens," 1989 (NTP 89-239). Order information: (919) 541-3992

**- Hazardous Substance List (NJ-RTK)**

Name of substance	CAS No	Remarks	Classifications
POR-15 SILVER	101-68-8		R1
POR-15 SILVER	7429-90-5		F3 R1
POR-15 SILVER	75-07-0		CA MU TE F4 R2
POR-15 SILVER	75-56-9		CA MU F4 R2
POR-15 SILVER	9016-87-9		
POR-15 SILVER	95-63-6		F2
POR-15 SILVER	98-82-8		F3 R1
POR-15 SILVER			

**Legend**

- CA Carcinogenic
- F2 Flammable - Second Degree
- F3 Flammable - Third Degree
- F4 Flammable - Fourth Degree
- MU Mutagenic
- R1 Reactive - First Degree





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### Legend

R2 Reactive - Second Degree  
TE Teratogenic

### - Hazardous Substance List (Chapter 323) (PA-RTK)

Name acc. to inventory	CAS No	Classification
BENZENE, 1,1'-METHYLENEBIS[4-ISOCYANATO-	101-68-8	E
ALUMINUM	7429-90-5	E
ACETALDEHYDE	75-07-0	E
OXIRANE, METHYL-	75-56-9	E, S
PSEUDOCUMENE	95-63-6	E
BENZENE, (1-METHYLETHYL)-	98-82-8	E

### Legend

E Environmental hazard  
S Special hazardous substance

### - Hazardous Substance List (RI-RTK)

Name of substance	CAS No	References
POR-15 SILVER	101-68-8	T
POR-15 SILVER	101-68-8	T
POR-15 SILVER	101-68-8	T
POR-15 SILVER	25551-13-7	T
POR-15 SILVER	7429-90-5	T, F
POR-15 SILVER	75-07-0	T, F
POR-15 SILVER	75-56-9	T, F
POR-15 SILVER	98-82-8	T, F

### Legend

F Flammability (NFPA®)  
T Toxicity (ACGIH®)

### California Environmental Protection Agency (Cal/EPA): Proposition 65 - Safe Drinking Water and Toxic Enforcement Act of 1987

Proposition 65 List of chemicals			
Name acc. to inventory	CAS No	Remarks	Type of the toxicity
acetaldehyde	75-07-0		cancer
propylene oxide	75-56-9		cancer
cumene	98-82-8		cancer



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### Industry or sector specific available guidance(s)

#### NPCA-HMIS® III

Hazardous Materials Identification System. American Coatings Association.

Category	Rating	Description
Chronic	*	chronic (long-term) health effects may result from repeated overexposure
Health	0	no significant risk to health
Flammability	2	material that must be moderately heated or exposed to relatively high ambient temperatures before ignition can occur
Physical hazard	0	material that is normally stable, even under fire conditions, and will not react with water, polymerize, decompose, condense, or self-react. Non-explosive
Personal protection	-	

#### NFPA® 704

National Fire Protection Association: Standard System for the Identification of the Hazards of Materials for Emergency Response (United States).

Category	Degree of hazard	Description
Flammability	2	material that must be moderately heated or exposed to relatively high ambient temperatures before ignition can occur
Health	0	material that, under emergency conditions, would offer no hazard beyond that of ordinary combustible material
Instability	0	material that is normally stable, even under fire conditions
Special hazard		

#### National inventories

Country	Inventory	Status
US	TSCA	none of the ingredients are listed

#### Legend

TSCA Toxic Substance Control Act

### 15.2 Chemical Safety Assessment

Chemical safety assessments for substances in this mixture were not carried out.



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### SECTION 16: Other information, including date of preparation or last revision

#### Key literature references and sources for data

OSHA Hazard Communication Standard (HCS), 29 CFR 1910.1200.

Transport of dangerous goods by road or rail (49 CFR US DOT). International Maritime Dangerous Goods Code (IMDG). Dangerous Goods Regulations (DGR) for the air transport (IATA).

#### Classification procedure

Physical and chemical properties: The classification is based on tested mixture.

Health hazards, Environmental hazards: The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

#### Disclaimer

This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.