



# CCCR Reports

## POR-15 Rust preventive coating - Grey

### Identification

**Product identifier:** POR-15 Rust preventive coating - Grey  
**Product code:** 245201, 245204, 245208, 245232  
**Supplier Name:** P.O.R. Products  
 38, Portman Road  
 New Rochelle, New-York  
 10801 USA  
**Telephone:** 914 636-0700  
**Emergency tel. number:** 914 636-0700  
**Available hours:** 8h-17h  
**Recommended use:** Metal surfaces rust-preventing coating.  
**Restriction on use:** Do not use on other surfaces

### Classification - Physical Data

s. 2, 34(4), 42(2), 49(1)	Physical state (e.g., gas, vapour, dust/mist or fume, liquid, solid, paste or gel)	Liquid
s. 35(3), (4)	Appearance (e.g., product separates upon standing for 30 days at 20°C)	Yes
	Specific gravity	1,118 kg/l at 20 °C
s. 34(5)	Viscosity (Kinematic at 40°C [mm <sup>2</sup> /s or centistokes (cSt)])	> 20,5 mm <sup>2</sup> /s

### Calculation of toxicity

#### 1. LD<sub>50</sub> oral (mg/kg)

No	CAS No	CAS Name	%	mg/kg	mg/kg
1	67815-87-6	Aromatic polyisocyanate MDI based	39.45	> 5000	5000
2	64742-95-6	Naphtha, light aromatic fraction C8-C10	28.56	8400	8400
3	101-68-8	4,4'-Diphenylmethane diisocyanate monomer. MDI monomer	11.30	31600	31600
4	72088-97-2	Diphenylmethanediisocyanate prepolymer with 1,2-Propanediol .1,2-Propanediol, polymer with 1-isocyanato-2-((4-isocyanatophenyl)methyl)benzene, 1,1'-methylenebis(4-isocyanatobenzene), 2-methyloxirane and oxirane	10.61	> 5000	5000
5	9016-87-9	Polymethylene polyphenyl isocyanate. PMDI polymeric	4.73	> 10000	10000
6	13463-67-7	Titanium dioxide, rutile. (C.I. pigment white 6)	3.22	5000	5000
7	5873-54-1	2,4'-Dipheylmethane diisocyanate. MDI polymeric	1.14	31600	31600
<b>ATEmix oral: &gt; 2 000 mg/kg</b>					

#### 2. LD<sub>50</sub> skin (mg/kg)

No	CAS No	CAS Name	%	mg/kg	mg/kg
1	67815-87-6	Aromatic polyisocyanate MDI based	39.45	> 5000	5000



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2	64742-95-6	Naphtha, light aromatic fraction C8-C10	28.56	> 5000	5000
3	101-68-8	4,4'-Diphenylmethane diisocyanate monomer. MDI monomer	11.30	> 10000	10000
4	72088-97-2	Diphenylmethanediisocyanate prepolymer with 1,2-Propanediol .1,2-Propanediol, polymer with 1-isocyanato-2-((4-isocyanatophenyl)methyl)benzene, 1,1'-methylenebis(4-isocyanatobenzene), 2-methyloxirane and oxirane	10.61	> 5000	5000
5	9016-87-9	Polymethylene polyphenyl isocyanate. PMDI polymeric	4.73	9400	9400
6	13463-67-7	Titanium dioxide, rutile. (C.I. pigment white 6)	3.22	5000	5000
7	5873-54-1	2,4'-Dipheylmethane diisocyanate. MDI polymeric	1.14	> 10000	10000
<b>ATEmix dermal: &gt; 2 000 mg/kg</b>					

### 3. LC<sub>50</sub> inhalation ml/m<sup>3</sup> 4h gases

No	CAS No	CAS Name	%	mg/l	ml/m <sup>3</sup>
1	67815-87-6	Aromatic polyisocyanate MDI based	39.45	N/A	--
2	64742-95-6	Naphtha, light aromatic fraction C8-C10	28.56	N/A	--
3	101-68-8	4,4'-Diphenylmethane diisocyanate monomer. MDI monomer	11.30	N/A	--
4	72088-97-2	Diphenylmethanediisocyanate prepolymer with 1,2-Propanediol .1,2-Propanediol, polymer with 1-isocyanato-2-((4-isocyanatophenyl)methyl)benzene, 1,1'-methylenebis(4-isocyanatobenzene), 2-methyloxirane and oxirane	10.61	N/A	--
5	9016-87-9	Polymethylene polyphenyl isocyanate. PMDI polymeric	4.73	N/A	--
6	13463-67-7	Titanium dioxide, rutile. (C.I. pigment white 6)	3.22	N/A	--
7	5873-54-1	2,4'-Dipheylmethane diisocyanate. MDI polymeric	1.14	N/A	--
<b>ATEmix inhalation - gases: &gt; 5 000 ml/m<sup>3</sup></b>					

### 4. LC<sub>50</sub> inhalation ml/m<sup>3</sup> 4h vapours


No	CAS No	CAS Name	%	mg/l	ml/m <sup>3</sup>
1	67815-87-6	Aromatic polyisocyanate MDI based	39.45	N/A	10000
2	64742-95-6	Naphtha, light aromatic fraction C8-C10	28.56	> 20.00	22857.14
3	101-68-8	4,4'-Diphenylmethane diisocyanate monomer. MDI monomer	11.30	N/A	10000
4	72088-97-2	Diphenylmethanediisocyanate prepolymer with 1,2-Propanediol .1,2-Propanediol, polymer with 1-isocyanato-2-((4-isocyanatophenyl)methyl)benzene, 1,1'-methylenebis(4-isocyanatobenzene), 2-methyloxirane and oxirane	10.61	11	11000
5	9016-87-9	Polymethylene polyphenyl isocyanate. PMDI polymeric	4.73	0.5	416.67
6	13463-67-7	Titanium dioxide, rutile. (C.I. pigment white 6)	3.22	N/A	10000
7	5873-54-1	2,4'-Dipheylmethane diisocyanate. MDI polymeric	1.14	11	9166.67
<b>ATEmix inhalation - vapours: 5239.08 ml/m<sup>3</sup></b>					<b>Category Harmful</b>
					



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#### 5. LC<sub>50</sub> inhalation mg/l 4h dusts-mist

No	CAS No	CAS Name	%	mg/l	mg/l
1	67815-87-6	Aromatic polyisocyanate MDI based	39.45	1.5	1.5
2	64742-95-6	Naphtha, light aromatic fraction C8-C10	28.56	> 5.00	5.00
3	101-68-8	4,4'-Diphenylmethane diisocyanate monomer. MDI monomer	11.30	0.37	0.37
4	72088-97-2	Diphenylmethanediisocyanate prepolymer with 1,2-Propanediol, polymer with 1,2-Propanediol, polymer with 1-isocyanato-2-((4-isocyanatophenyl)methyl)benzene, 1,1'-methylenebis(4-isocyanatobenzene), 2-methyloxirane and oxirane	10.61	1.5	1.5
5	9016-87-9	Polymethylene polyphenyl isocyanate. PMDI polymeric	4.73	0.49	0.49
6	13463-67-7	Titanium dioxide, rutile. (C.I. pigment white 6)	3.22	6.82	6.82
7	5873-54-1	2,4'-Dipheylmethane diisocyanate. MDI polymeric	1.14	1.01	1.01
<b>ATEmix inhalation - dusts/mists: 1.24 mg/l</b>			<b>Category Toxic</b> 		



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## Skin corrosion calculation

**Table 1 - Substance of special concern**

CAS No	Name	State	% Formula
No value			

**Table 2 - pH and acid or alkali reserve**

State	pH	Acid reserve	Alkali reserve
Liquid			

**Table 3 - Skin Corrosion - Category 1 > or = 1%**

CAS No	Name	Class	Category	% CCCR	% Formula
No value					

**Table 4 - Skin irritant - Category 2 > or = 1%**

CAS No	Name	Class	Category	% CCCR	% Formula
67815-87-6	Aromatic polyisocyanate MDI based	Skin irritation	Category 2	10 %	39.45
64742-95-6	Naphtha, light aromatic fraction C8-C10	Skin irritation	Category 2	10 %	28.56
101-68-8	4,4'-Diphenylmethane diisocyanate monomer. MDI monomer	Skin irritation	Category 2	10 %	11.3
72088-97-2	Diphenylmethanediisocyanate prepolymer with 1,2-Propanediol .1,2-Propanediol, polymer with 1-isocyanato-2-((4-isocyanatophenyl)methyl)benzene, 1,1'-methylenebis(4-isocyanatobenzene), 2-methyloxirane and oxirane	Skin irritation	Category 2	10 %	10.61
9016-87-9	Polymethylene polyphenyl isocyanate. PMDI polymeric	Skin irritation	Category 2	10 %	4.73
5873-54-1	2,4'-Dipheylmethane diisocyanate. MDI polymeric	Skin irritation	Category 2	10 %	1.14
					95.79

### Result summary

No	Category	Rule	Status	Values or % formula	Classification
a)	Substance of special concern		No		
b)	pH and acid or alkali reserve		No		
c)	Skin corrosion - Category 1		No		
d)	Skin irritant - Category 2	>= 10 %	Yes	95.79 %	Irritant



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## Eye corrosion calculation

**Table 1 - Substance of special concern**

CAS No	Name	State	% Formula
<i>No value</i>			

**Table 2 - pH and acid or alkali reserve**

State	pH	Acid reserve	Alkali reserve
Liquid			

**Table 3 - Serious eye damage - Category 1 > ou = 1%**

CAS No	Name	Class	Category	% CCCR	% Formula
<i>No value</i>					

**Table 4 - Eye irritant - Category 2 > ou = 1%**

CAS No	Name	Class	Category	% CCCR	% Formula
67815-87-6	Aromatic polyisocyanate MDI based	Serious eye irritation	Category 2A	10 %	39.45
64742-95-6	Naphtha, light aromatic fraction C8-C10	Serious eye irritation	Category 2A	10 %	28.56
101-68-8	4,4'-Diphenylmethane diisocyanate monomer. MDI monomer	Serious eye irritation	Category 2A	10 %	11.3
72088-97-2	Diphenylmethanediisocyanate prepolymer with 1,2-Propanediol .1,2-Propanediol, polymer with 1-isocyanato-2-((4-isocyanatophenyl)methyl)benzene, 1,1'-methylenebis(4-isocyanatobenzene), 2-methyloxirane and oxirane	Serious eye irritation	Category 2A	10 %	10.61
5873-54-1	2,4'-Dipheylmethane diisocyanate. MDI polymeric	Serious eye irritation	Category 2A	10 %	1.14
					91.06

### Result summary

No	Category	Rule	Status	Values or % formula	Classification
a)	Substance of special concern		No		
b)	pH and acid or alkali reserve		No		
c)	Serious eye damage - Category 1		No		
d)	Eye irritant - Category 2	>= 10 %	Yes	91.06 %	Irritant



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### Flammable Products

Spontaneous Combustion Hazard		
s. 49(1) items 1-2	Product spontaneously combusts under reasonably foreseeable conditions of use	No
Liquid or Solid Products		
s. 50, 51	Flash point (and closed-cup test method used)	50 °C (122 °F) Closed cup
Gas Products		
s. 49(1) items 5-6	Flammable concentration	N/A
Spray Containers		
s. 52	Flame projection	N/A
s. 52	Flashback	No
Classification		
s. 49	Classification (which sub-categories apply)	Combustible
Combustible Product Exemption		
s. 48(2)(a)	Proportion of water and water-miscible solvent	N/A
s. 48(2)(b)	Ability to sustain combustion (for mixtures of more than 50% water / less than 50% water- miscible solvent)	N/A

### Quick Skin Bonding Adhesives

Classification		
s. 56 Definition	Adhesive contains alkyl cyanoacrylate or similar substance capable of bonding skin with skin instantly or nearly instantly	No

### Pressurized Containers

s. 58(1)(a)	Presence of substances with absolute vapour pressure greater than 275 kPa at 37.8°C when in a liquid state	N/A
s. 58(1)(b)	Absolute pressure within the container at 21.1°C or 54.4°C	N/A
s. 59	Product is classified as a pressurized container	No

### Packaging Requirements

General Packaging Requirements		
Sch. 3	Leak test performed and results (for each size of container)	Tested by the client

Sources of data: Rep. tox/ECHA/SAX'S/