LA-CO Industries, Inc.

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations, Canada Hazardous Products Regulations (HPR) / Règlement sur les produits dangereux (RPD)

Issue date: 10/13/2020 Version: 1.0

SECTION 1: Identification

1.1. Identification

Product form : Mixture

Trade name : Paintstik ® Original B Jumbo White, Hex White, Hex Yellow, 16 Black, 16 Blue, 16 Orange, 16

White 16 Vellow Fine White Fine Vellow Aluminum Plack Plus Cropp Cropp Orange Pink

White, 16 Yellow, Fine White, Fine Yellow, Aluminum, Black, Blue, Green, Gray, Orange, Pink, Purple, Red, Silver, White, Yellow, Fluorescent Yellow, Fluorescent Red, Fluorescent Green,

Fluorescent Blue, Fluorescent Orange

1.2. Recommended use and restrictions on use

Use of the substance/mixture : Marking.

Restrictions on use : No additional information available

1.3. Supplier

LA-CO Industries, Inc. 1201 Pratt Boulevard

Elk Grove Village, IL. 60007-5746

Phone: (847) 956-7600 Fax: (847) 956-9885

E-mail: customer_service@laco.com

1.4. Emergency telephone number

Emergency number : 24-hour emergency: CHEMTREC- U.S. : 1-800-424-9300 International: +1-703-527-3887;

全国应急中心 0532 8388 9090

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS classification

Skin sensitisation, Category 1 H317 May cause an allergic skin reaction.

Full text of H statements: see section 16

2.2. GHS Label elements, including precautionary statements

GHS-US labelling

Hazard pictograms (GHS)



Signal word (GHS) : Warning

Hazard statements (GHS US) : H317 - May cause an allergic skin reaction.

Precautionary statements (GHS) : P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.

P272 - Contaminated work clothing must not be allowed out of the workplace. P280 - Wear protective gloves/protective clothing/eye protection/face protection.

P302+P352 - If on skin: Wash with plenty of water.

P321 - Specific treatment (see supplemental first aid instruction on this label). P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.

P363 - Wash contaminated clothing before reuse.

P501 - Dispose of contents/container to hazardous or special waste collection point, in

accordance with local, regional, national and/or international regulation.

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2.3. Other hazards which do not result in classification

No additional information available

2.4. Unknown acute toxicity (GHS_US)

2.83% of the mixture consists of ingredient(s) of unknown acute toxicity (Oral)

2.83% of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal)

2.83% of the mixture consists of ingredient(s) of unknown acute toxicity (Inhalation (Dust/Mist))

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	% (w/w)	GHS classification
aluminium powder (pyrophoric)	(CAS-No.) 7429-90-5	0 - 30	Pyr. Sol. 1, H250 Water-react. 2, H261
Titanium dioxide	(CAS-No.) 13463-67-7	0 - 20	Carc. 2, H351
rosin	(CAS-No.) 8050-09-7	1 - 10	Skin Sens. 1, H317
Carbon black	(CAS-No.) 1333-86-4	0 - 5	Carc. 2, H351
Silicon dioxide (cristobalite)	(CAS-No.) 14808-60-7	0 - 2	Carc. 1A, H350
4-[[4-(aminocarbonyl)phenyl]azo]-N-(2-ethoxyphenyl)-3- hydroxynaphthalene-2-carboxamide, C.I. Pigment Red 170 (naphthol <1%)	(CAS-No.) 2786-76-7	0 - <1	Skin Sens. 1, H317

^{*}Chemical name, CAS number and/or exact concentration have been withheld as a trade secret

Full text of hazard classes and H-statements : see section 16

SECTION 4: First-aid measures

4.1. Description of first aid measures

First-aid measures general : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical

advice (show the label where possible).

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.

First-aid measures after skin contact : Wash skin thoroughly with mild soap and water. Take off contaminated clothing and wash it

before reuse.

First-aid measures after eye contact : In case of contact, immediately flush eyes with plenty of water.

First-aid measures after ingestion : Get medical advice/attention if you feel unwell.

4.2. Most important symptoms and effects (acute and delayed)

Symptoms/effects after skin contact : May cause an allergic skin reaction.

4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Use extinguishing media appropriate for surrounding fire.

Unsuitable extinguishing media : None known.

5.2. Specific hazards arising from the chemical

Fire hazard : No particular fire or explosion hazard.

Reactivity : No dangerous reactions known.

5.3. Special protective equipment and precautions for fire-fighters

Firefighting instructions : Keep upwind.

Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection. Use

self-contained breathing apparatus.

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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Avoid creating or spreading dust. Avoid contact with skin, eyes and clothing.

6.1.1. For non-emergency personnel

Protective equipment : Refer to section 8.2.

Emergency procedures : Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment : Refer to section 8.2.

Emergency procedures : Ventilate area. Stop leak if safe to do so.

6.2. Environmental precautions

Do not discharge into drains or the environment. Prevent entry to sewers and public waters.

6.3. Methods and material for containment and cleaning up

For containment : Avoid generating dust. Sweep or shovel into suitable containers.

Methods for cleaning up : On land, sweep or shovel into suitable containers.

6.4. Reference to other sections Section 8: personal protective equipment.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Avoid creating or spreading dust. Do not breathe dust. Avoid contact with skin, eyes and

clothing.

Hygiene measures : Wash hands and other exposed areas with mild soap and water before eating, drinking or

smoking and when leaving work. Do not eat, drink or smoke when using this product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep container closed when not in use.

Incompatible products : Strong oxidizers.

Prohibitions on mixed storage : Incompatible materials.

Storage area : Store in dry, cool, well-ventilated area.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

rosin (8050-09-7)		
ACGIH	Local name	Rosin core solder thermal decomposition products (colophony)
ACGIH	Remark (ACGIH)	DSEN; RSEN
aluminium powder (pyrophoric) (7429-90-5)		
ACGIH	Local name	Aluminum metal and insoluble compounds
ACGIH	ACGIH TWA (mg/m³)	1 mg/m³ (R - Respirable particulate matter)
ACGIH	Remark (ACGIH)	TLV® Basis: Pneumoconiosis; LRT irr; neurotoxicity. Notations: A4 (Not classifiable as a Human Carcinogen)
ACGIH	Regulatory reference	ACGIH 2020
OSHA	OSHA PEL (TWA) (mg/m³)	15 mg/m³ (Total dust) 5 mg/m³ (Respirable fraction)

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aluminium powder	(pyrophoric) (7429-90-5)	
OSHA	Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1
NIOSH	NIOSH REL (TWA) (mg/m³)	10 mg/m³
NIOSH	NIOSH REL (ceiling) (mg/m³)	5 mg/m³
NIOSH	Remark (NIOSH)	(total dust)
4-[[4-(aminocarbor (2786-76-7)	nyl)phenyl]azo]-N-(2-ethoxyphenyl)-3-hydroxynaphtha	lene-2-carboxamide, C.I. Pigment Red 170 (naphthol <1%)
Not applicable		
Titanium dioxide (1	13463-67-7)	
ACGIH	Local name	Titanium dioxide
ACGIH	ACGIH TWA (mg/m³)	10 mg/m³
ACGIH	Remark (ACGIH)	TLV® Basis: LRT irr. Notations: A4 (Not classifiable as a Human Carcinogen)
ACGIH	Regulatory reference	ACGIH 2020
OSHA	OSHA PEL (TWA) (mg/m³)	15 mg/m³
OSHA	Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1
Carbon black (133	3-86-4)	
ACGIH	Local name	Carbon black
ACGIH	ACGIH TWA (mg/m³)	3 mg/m³ (I - Inhalable particulate matter)
ACGIH	Remark (ACGIH)	TLV® Basis: Bronchitis. Notations: A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans)
ACGIH	Regulatory reference	ACGIH 2020
OSHA	OSHA PEL (TWA) (mg/m³)	3.5 mg/m³
OSHA	Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1
NIOSH	NIOSH REL (TWA) (mg/m³)	3.5 mg/m³
NIOSH	NIOSH REL (STEL) (mg/m³)	0.1 mg/m³
Silicon dioxide (cri	istobalite) (14808-60-7)	
ACGIH	Local name	Silica crystaline - quartz
ACGIH	ACGIH TWA (mg/m³)	0.025 mg/m³ (R - Respirable particulate matter)
ACGIH	Remark (ACGIH)	TLV® Basis: Pulm fibrosis; lung cancer. Notations: A2 (Suspected Human Carcinogen)
ACGIH	Regulatory reference	ACGIH 2020
OSHA	OSHA PEL (TWA) (ppm)	250 mppcf
OSHA	Remark (OSHA)	Table Z-3. For OSHA PEL (TWA): Use formulas: (250 / (%SiO2+5)) for mppcf and (10 mg/m3 / (%SiO2+2)) for mg/m3. CAS No. source: eCFR Table Z-1.
OSHA	Regulatory reference (US-OSHA)	OSHA Annotated Table Z-3 Mineral Dusts
NIOSH	NIOSH REL (TWA) (mg/m³)	0.05 mg/m³
NIOSH	Remark (NIOSH)	(respirable dust)

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8.2. Appropriate engineering controls

Appropriate engineering controls

: Avoid dispersal of dust in the air (i.e, clearing dust surfaces with compressed air). Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

8.3. Individual protection measures/Personal protective equipment

Personal protective equipment:

Avoid all unnecessary exposure.

Hand protection:

Wear suitable gloves resistant to chemical penetration. nitrile rubber gloves

Eye protection:

None under normal use. In case of dust production: protective goggles

Respiratory protection:

None under normal use

Other information:

Do not eat, drink or smoke when using this product.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Solid

Appearance : A solid crayon-like marker.

Colour : Variable

Odour Slight, vegetable oil
Odour threshold : No data available
pH : No data available

Melting point : 66 °C

Freezing point : No data available
Boiling point : No data available

Flash point : 204 °C

Relative evaporation rate (butylacetate=1) : No data available : No data available Flammability (solid, gas) Vapour pressure No data available : No data available Relative vapour density at 20 °C Relative density : No data available Solubility : insoluble in water. Log Pow : No data available Auto-ignition temperature No data available : No data available Decomposition temperature Viscosity, kinematic : No data available Viscosity, dynamic : No data available : No data available Explosive limits : No data available Explosive properties Oxidising properties : No data available

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9.2. Other information

VOC content : 0 %

SECTION 10: Stability and reactivity

10.1. Reactivity

No dangerous reactions known.

Chemical stability

Stable under normal conditions.

Possibility of hazardous reactions 10.3.

Hazardous Polymerization may occur.

10.4. Conditions to avoid

Heat.

10.5. Incompatible materials

Strong oxidizers.

10.6. Hazardous decomposition products

Aldehydes.

7.11401.744001		
SECTION 11: Toxicological information		
11.1. Information on toxicological effects		
Acute toxicity (oral)	Not classified	
Acute toxicity (dermal)	Not classified	
Acute toxicity (inhalation)	Not classified	
Unknown acute toxicity (GHS_US)	2.83% of the mixture consists of ingredient(s) of unknown acute toxicity (Oral) 2.83% of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal) 2.83% of the mixture consists of ingredient(s) of unknown acute toxicity (Inhalation (Dust/Mist))	
rosin (8050-09-7)		
LD50 oral rat	2800 mg/kg	
LD50 dermal rat	> 2000 mg/kg	
ATE (oral)	2800 mg/kg bodyweight	
aluminium powder (pyrophoric) (7429-90-5)		
LD50 oral rat	> 15900 mg/kg bodyweight	
4-[[4-(aminocarbonyl)phenyl]azo]-N-(2-ethoxy (2786-76-7)	phenyl)-3-hydroxynaphthalene-2-carboxamide, C.I. Pigment Red 170 (naphthol <1%)	
LD50 oral rat	> 15000 mg/kg	
LC50 Inhalation - Rat	> 1580 mg/m³ 4 h	
Titanium dioxide (13463-67-7)		
LD50 oral rat	> 5000 mg/kg	
LC50 Inhalation - Rat	> 6.82 mg/l/4h	
Carbon black (1333-86-4)		
LD50 oral rat	> 8000 mg/kg	
LC50 Inhalation - Rat	> 4.6 mg/m³ 4 h	
Skin corrosion/irritation	Not classified	
Serious eye damage/irritation	Not classified.	
Respiratory or skin sensitisation	May cause an allergic skin reaction.	
Germ cell mutagenicity	Not classified	
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Carcinogenicity	: Not classified.	
Titanium dioxide (13463-67-7)		
NOAEL (chronic, oral, animal/male, 2 years)	5 mg/kg bodyweight rat	
Additional information	Carcinogen, cat 1A or 1B Inhalation of dust	
IARC group	2B - Possibly carcinogenic to humans	
Carbon black (1333-86-4)		
IARC group	2B - Possibly carcinogenic to humans, Inhalation of dust	
Silicon dioxide (cristobalite) (14808-60-7)		
IARC group	1 - Carcinogenic to humans	
Reproductive toxicity	: Not classified	
STOT-single exposure	: Not classified	
STOT-repeated exposure	: Not classified	
Aspiration hazard	: Not classified	
Viscosity, kinematic	: No data available	
Likely routes of exposure	: Inhalation. Skin and eye contact.	
Symptoms/effects after skin contact	: May cause an allergic skin reaction.	

SECTION 12: Ecological information

12.1. Toxicity

rosin (8050-09-7)	
LC50 fish 1	< 10 mg/l 96 h
EC50 crustacea	911 mg/l 48 h

4-[[4-(aminocarbonyl)phenyl]azo]-N-(2-ethoxyphenyl)-3-hydroxynaphthalene-2-carboxamide, C.I. Pigment Red 170 (naphthol <1%) (2786-76-7)	
LC50 fish 1	> 500 mg/l 96 h
EC50 crustacea	> 110 mg/l 48 h

12.2. Persistence and degradability

Paintstik ® Original B Jumbo White, Hex White, Hex Yellow, 16 Black, 16 Blue, 16 Orange, 16 White, 16 Yellow, Fine White, Fine Yellow, Aluminum, Black, Blue, Green, Gray, Orange, Pink, Purple, Red, Silver, White, Yellow, Fluorescent Yellow, Flourescent Red, Fluorescent Green, Fluorescent Blue, Fluorescent Orange		
Persistence and degradability	Not established.	
rosin (8050-09-7)		
Biodegradation	71 % 28 d	

4-[[4-(aminocarbonyl)phenyl]azo]-N-(2-ethoxyphenyl)-3-hydroxynaphthalene-2-carboxamide, C.I. Pigment Red 170 (naphthol <1%) (2786-76-7)	
Persistence and degradability	Not readily biodegradable.
Biodegradation	0 % 28 d

Carbon black (1333-86-4)	
Persistence and degradability	Not readily biodegradable.

12.3. Bioaccumulative potential

Paintstik ® Original B Jumbo White, Hex White, Hex Yellow, 16 Black, 16 Blue, 16 Orange, 16 White, 16 Yellow, Fine White, Fine Yellow, Aluminum, Black, Blue, Green, Gray, Orange, Pink, Purple, Red, Silver, White, Yellow, Fluorescent Yellow, Flourescent Red, Fluorescent Green, Fluorescent Blue, Fluorescent Orange	
Bioaccumulative potential	Not established.

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rosin (8050-09-7)		
Log Pow	3 (3 – 6.2)	
4-[[4-(aminocarbonyl)phenyl]azo]-N-(2-ethoxyphenyl)-3-hydroxynaphthalene-2-carboxamide, C.I. Pigment Red 170 (naphthol <1%) (2786-76-7)		
BCF fish 1	53 l/kg	
Log Pow	1.28	

12.4. Mobility in soil

Paintstik ® Original B Jumbo White, Hex White, Hex Yellow, 16 Black, 16 Blue, 16 Orange, 16 White, 16 Yellow, Fine White, Fine Yellow, Aluminum, Black, Blue, Green, Gray, Orange, Pink, Purple, Red, Silver, White, Yellow, Fluorescent Yellow, Flourescent Red, Fluorescent Green, Fluorescent Blue, Fluorescent Orange

Ecology - soil

No additional information available.

12.5. Other adverse effects

Other information : No additional information available

SECTION 13: Disposal considerations

13.1. Disposal methods

Sewage disposal recommendations : Do not dispose of waste into sewer.

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.

SECTION 14: Transport information

Department of Transportation (DOT)

In accordance with DOT

Not regulated.

Other information :No supplementary information available

Transportation of Dangerous Goods

Not regulated.

Transport by sea

Not regulated.

Air transport

Not regulated.

SECTION 15: Regulatory information

15.1. US Federal regulations

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

aluminium powder (pyrophoric) (7429-90-5)

Subject to reporting requirements of United States SARA Section 313

15.2. International regulations

CANADA

rosin (8050-09-7)

Listed on the Canadian DSL (Domestic Substances List) inventory.

aluminium powder (pyrophoric) (7429-90-5)

Listed on the Canadian DSL (Domestic Substances List) inventory.

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4-[[4-(aminocarbonyl)phenyl]azo]-N-(2-ethoxyphenyl)-3-hydroxynaphthalene-2-carboxamide, C.I. Pigment Red 170 (naphthol <1%) (2786-76-7)

Listed on the Canadian DSL (Domestic Substances List) inventory.

Titanium dioxide (13463-67-7)

Listed on the Canadian DSL (Domestic Substances List) inventory.

Carbon black (1333-86-4)

Listed on the Canadian DSL (Domestic Substances List) inventory.

Silicon dioxide (cristobalite) (14808-60-7)

Listed on the Canadian DSL (Domestic Substances List) inventory.

EU-Regulations

rosin (8050-09-7)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

aluminium powder (pyrophoric) (7429-90-5)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

4-[[4-(aminocarbonyl)phenyl]azo]-N-(2-ethoxyphenyl)-3-hydroxynaphthalene-2-carboxamide, C.I. Pigment Red 170 (naphthol <1%) (2786-76-7)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

Titanium dioxide (13463-67-7)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

Carbon black (1333-86-4)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

Silicon dioxide (cristobalite) (14808-60-7)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

National regulations

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All ingredients are listed on the Canadian Domestic Substances List (DSL) or Non-Domestic Substances List (NDSL).

rosin (8050-09-7)

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on the AICS (Australian Inventory of Chemical Substances)

Listed on the Inventory of Existing Chemical Substances Produced or Imported in China (IECSC).

Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory

Listed on KECL/KECI (Korean Existing Chemicals Inventory)

Listed on the TCSI (Taiwan Chemical Substance Inventory)

aluminium powder (pyrophoric) (7429-90-5)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory

Listed on Taiwan National Chemical Inventory

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

Listed on the AICS (Australian Inventory of Chemical Substances)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on KECL/KECI (Korean Existing Chemicals Inventory)

4-[[4-(aminocarbonyl)phenyl]azo]-N-(2-ethoxyphenyl)-3-hydroxynaphthalene-2-carboxamide, C.I. Pigment Red 170 (naphthol <1%) (2786-76-7)

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on the AICS (Australian Inventory of Chemical Substances)

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4-[[4-(aminocarbonyl)phenyl]azo]-N-(2-ethoxyphenyl)-3-hydroxynaphthalene-2-carboxamide, C.I. Pigment Red 170 (naphthol <1%) (2786-76-7)

Listed on Taiwan National Chemical Inventory

Listed on the Inventory of Existing Chemical Substances Produced or Imported in China (IECSC).

Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory

Listed on KECL/KECI (Korean Existing Chemicals Inventory)

Titanium dioxide (13463-67-7)

Listed on IARC (International Agency for Research on Cancer)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

Listed on Taiwan National Chemical Inventory

Listed on the AICS (Australian Inventory of Chemical Substances)

Listed on the TCSI (Taiwan Chemical Substance Inventory)

Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory

Listed on the Japanese ISHL (Industrial Safety and Health Law)

Listed on KECL/KECI (Korean Existing Chemicals Inventory)

Carbon black (1333-86-4)

Listed on IARC (International Agency for Research on Cancer)

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on the AICS (Australian Inventory of Chemical Substances)

Listed on Taiwan National Chemical Inventory

Listed on KECL/KECI (Korean Existing Chemicals Inventory)

Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory

Listed on the Inventory of Existing Chemical Substances Produced or Imported in China (IECSC).

Listed on the Japanese ISHL (Industrial Safety and Health Law)

Silicon dioxide (cristobalite) (14808-60-7)

Listed on IARC (International Agency for Research on Cancer)

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on the AICS (Australian Inventory of Chemical Substances)

Listed on Taiwan National Chemical Inventory

Listed on KECL/KECI (Korean Existing Chemicals Inventory)

Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory

Listed on the Inventory of Existing Chemical Substances Produced or Imported in China (IECSC).

15.3. US State regulations

Jumbo White

Jumbo White	
State or local regulations	The titanium dioxide in this product is bound and is not respirable. California Prop. 65 warnings are not required.

Component	State or local regulations
Titanium dioxide(13463-67-7)	U.S New Jersey - Right to Know Hazardous Substance List; U.S Pennsylvania - RTK (Right to Know) List
rosin(8050-09-7)	U.S Minnesota - Hazardous Substance List; U.S Washington - Permissible Exposure Limits - Carcinogens

Hex White

Hex White	
State or local regulations	The titanium dioxide in this product is bound and is not respirable. This product is not expected to produce Silicon dioxide particles of respirable size. California Prop. 65 warnings are not required.

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Component	State or local regulations
Titanium dioxide(13463-67-7)	U.S New Jersey - Right to Know Hazardous Substance List; U.S Pennsylvania - RTK (Right to Know) List
Silicon dioxide (cristobalite)(14808-60-7)	U.S Idaho - Non-Carcinogenic Toxic Air Pollutants - Acceptable Ambient Concentrations; U.S New Jersey - Right to Know Hazardous Substance List
rosin(8050-09-7)	U.S Minnesota - Hazardous Substance List; U.S Washington - Permissible Exposure Limits - Carcinogens

Hex Yellow

Hex Yellow	
State or local regulations	The titanium dioxide in this product is bound and is not respirable.
	California Prop. 65 warnings are not required.

Component	State or local regulations
Titanium dioxide(13463-67-7)	U.S New Jersey - Right to Know Hazardous Substance List; U.S Pennsylvania - RTK (Right to Know) List
rosin(8050-09-7)	U.S Minnesota - Hazardous Substance List; U.S Washington - Permissible Exposure Limits - Carcinogens

16 Black

16 Black	
State or local regulations	The titanium dioxide in this product is bound and is not respirable. The Carbon black in this product is bound and is not respirable. California Prop. 65 warnings are not required.

Component	State or local regulations
Titanium dioxide(13463-67-7)	U.S New Jersey - Right to Know Hazardous Substance List; U.S Pennsylvania - RTK (Right to Know) List
Carbon black(1333-86-4)	U.S Idaho - Non-Carcinogenic Toxic Air Pollutants - Acceptable Ambient Concentrations; U.S New Jersey - Right to Know Hazardous Substance List
rosin(8050-09-7)	U.S Minnesota - Hazardous Substance List; U.S Washington - Permissible Exposure Limits - Carcinogens

16 Blue

16 Blue	
State or local regulations	The titanium dioxide in this product is bound and is not respirable. California Prop. 65 warnings are not required.

Component	State or local regulations
Titanium dioxide(13463-67-7)	U.S New Jersey - Right to Know Hazardous Substance List; U.S Pennsylvania - RTK (Right to Know) List
rosin(8050-09-7)	U.S Minnesota - Hazardous Substance List; U.S Washington - Permissible Exposure Limits - Carcinogens

16 Orange

16 Orange	
State or local regulations	The titanium dioxide in this product is bound and is not respirable. California Prop. 65 warnings are not required.

Component	State or local regulations
Titanium dioxide(13463-67-7)	U.S New Jersey - Right to Know Hazardous Substance List; U.S Pennsylvania - RTK (Right to Know) List

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Component	State or local regulations
rosin(8050-09-7)	U.S Minnesota - Hazardous Substance List; U.S Washington - Permissible
	Exposure Limits - Carcinogens

16 White

16 White	
State or local regulations	The titanium dioxide in this product is bound and is not respirable.
	California Prop. 65 warnings are not required.

Component	State or local regulations
Titanium dioxide(13463-67-7)	U.S New Jersey - Right to Know Hazardous Substance List; U.S Pennsylvania - RTK (Right to Know) List
rosin(8050-09-7)	U.S Minnesota - Hazardous Substance List; U.S Washington - Permissible Exposure Limits - Carcinogens

16 Yellow

16 Yellow	
State or local regulations	The titanium dioxide in this product is bound and is not respirable. California Prop. 65 warnings are not required.

Component	State or local regulations
Titanium dioxide(13463-67-7)	U.S New Jersey - Right to Know Hazardous Substance List; U.S Pennsylvania - RTK (Right to Know) List
rosin(8050-09-7)	U.S Minnesota - Hazardous Substance List; U.S Washington - Permissible Exposure Limits - Carcinogens

Fine White, Fine Yellow

Fine White, Fine Yellow	
State or local regulations	The titanium dioxide in this product is bound and is not respirable. California Prop. 65 warnings are not required.

Component	State or local regulations
Titanium dioxide(13463-67-7)	U.S New Jersey - Right to Know Hazardous Substance List; U.S Pennsylvania - RTK (Right to Know) List
rosin(8050-09-7)	U.S Minnesota - Hazardous Substance List; U.S Washington - Permissible Exposure Limits - Carcinogens

Aluminum

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm.

Component	State or local regulations
rosin(8050-09-7)	U.S Minnesota - Hazardous Substance List; U.S Washington - Permissible
	Exposure Limits - Carcinogens

Black

Black	
State or local regulations	The Carbon black in this product is bound and is not respirable. This product is not expected to produce Silicon dioxide particles of respirable size. California Prop. 65 warnings are not required.
Component	State or local regulations

Component	otato or rogalationo	
Carbon black(1333-86-4)	U.S Idaho - Non-Carcinogenic Toxic Air Pollutants - Acceptable Ambient	
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Component	State or local regulations
	Concentrations; U.S New Jersey - Right to Know Hazardous Substance List
Silicon dioxide (cristobalite)(14808-60-7)	U.S Idaho - Non-Carcinogenic Toxic Air Pollutants - Acceptable Ambient Concentrations; U.S New Jersey - Right to Know Hazardous Substance List
rosin(8050-09-7)	U.S Minnesota - Hazardous Substance List; U.S Washington - Permissible Exposure Limits - Carcinogens

Blue

Blue	
State or local regulations	The titanium dioxide in this product is bound and is not respirable. This product is not expected to produce Silicon dioxide particles of respirable size. California Prop. 65 warnings are not required.

Component	State or local regulations
Titanium dioxide(13463-67-7)	U.S New Jersey - Right to Know Hazardous Substance List; U.S Pennsylvania - RTK (Right to Know) List
Silicon dioxide (cristobalite)(14808-60-7)	U.S Idaho - Non-Carcinogenic Toxic Air Pollutants - Acceptable Ambient Concentrations; U.S New Jersey - Right to Know Hazardous Substance List
rosin(8050-09-7)	U.S Minnesota - Hazardous Substance List; U.S Washington - Permissible Exposure Limits - Carcinogens

Green



This product can expose you to Hexachlorobenzene, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

Component	Carcinogenicity	Developmental toxicity	Reproductive toxicity male	Reproductive toxicity female	No significant risk level (NSRL)	Maximum allowable dose level (MADL)
Hexachlorobenzene(1 18-74-1)	Х	Х			0.4 µg/day	
Titanium dioxide(13463-67-7)	Х					
Silicon dioxide (cristobalite)(14808- 60-7)	Х					

Component	State or local regulations
Titanium dioxide(13463-67-7)	U.S New Jersey - Right to Know Hazardous Substance List; U.S Pennsylvania - RTK (Right to Know) List
Silicon dioxide (cristobalite)(14808-60-7)	U.S Idaho - Non-Carcinogenic Toxic Air Pollutants - Acceptable Ambient Concentrations; U.S New Jersey - Right to Know Hazardous Substance List
rosin(8050-09-7)	U.S Minnesota - Hazardous Substance List; U.S Washington - Permissible Exposure Limits - Carcinogens

Gray

Gray	
State or local regulations	The titanium dioxide in this product is bound and is not respirable. The Carbon black in this product is bound and is not respirable. California Prop. 65 warnings are not required.

Component	State or local regulations
Titanium dioxide(13463-67-7)	U.S New Jersey - Right to Know Hazardous Substance List; U.S Pennsylvania -
, , , ,	RTK (Right to Know) List

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Component	State or local regulations
Carbon black(1333-86-4)	U.S Idaho - Non-Carcinogenic Toxic Air Pollutants - Acceptable Ambient Concentrations; U.S New Jersey - Right to Know Hazardous Substance List
rosin(8050-09-7)	U.S Minnesota - Hazardous Substance List; U.S Washington - Permissible Exposure Limits - Carcinogens

Orange

Orange	
State or local regulations	The titanium dioxide in this product is bound and is not respirable. This product is not expected to produce Silicon dioxide particles of respirable size. California Prop. 65 warnings are not required.

Component	State or local regulations
Titanium dioxide(13463-67-7)	U.S New Jersey - Right to Know Hazardous Substance List; U.S Pennsylvania - RTK (Right to Know) List
Silicon dioxide (cristobalite)(14808-60-7)	U.S Idaho - Non-Carcinogenic Toxic Air Pollutants - Acceptable Ambient Concentrations; U.S New Jersey - Right to Know Hazardous Substance List
rosin(8050-09-7)	U.S Minnesota - Hazardous Substance List; U.S Washington - Permissible Exposure Limits - Carcinogens

Pink

Pink	
State or local regulations	The titanium dioxide in this product is bound and is not respirable. California Prop. 65 warnings are not required.

Component	State or local regulations
Titanium dioxide(13463-67-7)	U.S New Jersey - Right to Know Hazardous Substance List; U.S Pennsylvania - RTK (Right to Know) List
rosin(8050-09-7)	U.S Minnesota - Hazardous Substance List; U.S Washington - Permissible Exposure Limits - Carcinogens

Purple



This product can expose you to ethylbenzene, which is known to the State of California to cause cancer, and Toluene, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

Component	Carcinogenicity	Developmental toxicity	Reproductive toxicity male	Reproductive toxicity female	No significant risk level (NSRL)	Maximum allowable dose level (MADL)
ethylbenzene(100-41- 4)	X				54 μg/day (inhalation); 41 μg/day (oral)	
Toluene(108-88-3)		Х				7000 µg/day
formaldehyde(50-00- 0)	Х				40 μg/day	
cumene(98-82-8)	Х					
Titanium dioxide(13463-67-7)	Х					

Component	State or local regulations
Titanium dioxide(13463-67-7)	U.S New Jersey - Right to Know Hazardous Substance List; U.S Pennsylvania - RTK (Right to Know) List
rosin(8050-09-7)	U.S Minnesota - Hazardous Substance List; U.S Washington - Permissible Exposure Limits - Carcinogens

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Red

Red	
State or local regulations	The titanium dioxide in this product is bound and is not respirable. This product is not expected to produce Silicon dioxide particles of respirable size. California Prop. 65 warnings are not required.

Component	State or local regulations
Titanium dioxide(13463-67-7)	U.S New Jersey - Right to Know Hazardous Substance List; U.S Pennsylvania - RTK (Right to Know) List
Silicon dioxide (cristobalite)(14808-60-7)	U.S Idaho - Non-Carcinogenic Toxic Air Pollutants - Acceptable Ambient Concentrations; U.S New Jersey - Right to Know Hazardous Substance List
rosin(8050-09-7)	U.S Minnesota - Hazardous Substance List; U.S Washington - Permissible Exposure Limits - Carcinogens

Silver

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm.

Component	State or local regulations
rosin(8050-09-7)	U.S Minnesota - Hazardous Substance List; U.S Washington - Permissible
	Exposure Limits - Carcinogens

White

White	
State or local regulations	The titanium dioxide in this product is bound and is not respirable. This product is not expected to produce Silicon dioxide particles of respirable size. California Prop. 65 warnings are not required.

Component	State or local regulations
Titanium dioxide(13463-67-7)	U.S New Jersey - Right to Know Hazardous Substance List; U.S Pennsylvania - RTK (Right to Know) List
Silicon dioxide (cristobalite)(14808-60-7)	U.S Idaho - Non-Carcinogenic Toxic Air Pollutants - Acceptable Ambient Concentrations; U.S New Jersey - Right to Know Hazardous Substance List
rosin(8050-09-7)	U.S Minnesota - Hazardous Substance List; U.S Washington - Permissible Exposure Limits - Carcinogens

Yellow

Yellow	
State or local regulations	The titanium dioxide in this product is bound and is not respirable. California Prop. 65 warnings are not required.

Component	State or local regulations
Titanium dioxide(13463-67-7)	U.S New Jersey - Right to Know Hazardous Substance List; U.S Pennsylvania - RTK (Right to Know) List
rosin(8050-09-7)	U.S Minnesota - Hazardous Substance List; U.S Washington - Permissible Exposure Limits - Carcinogens

Fluorescent Yellow



This product can expose you to formaldehyde, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

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Component	Carcinogenicity	Developmental toxicity	Reproductive toxicity male	Reproductive toxicity female	No significant risk level (NSRL)	Maximum allowable dose level (MADL)
formaldehyde(50-00- 0)	Х				40 μg/day	
Titanium dioxide(13463-67-7)	Х					

Component	State or local regulations
Titanium dioxide(13463-67-7)	U.S New Jersey - Right to Know Hazardous Substance List; U.S Pennsylvania - RTK (Right to Know) List
rosin(8050-09-7)	U.S Minnesota - Hazardous Substance List; U.S Washington - Permissible Exposure Limits - Carcinogens

Fluorescent Red

MARNING:

This product can expose you to 9-(2-carboxyphenyl)-3,6-bis(diethylamino)xanthylium chloride, Basic Violet 10, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

Component	Carcinogenicity	Developmental toxicity	Reproductive toxicity male	Reproductive toxicity female	No significant risk level (NSRL)	Maximum allowable dose level (MADL)
9-(2-carboxyphenyl)- 3,6- bis(diethylamino)xanth ylium chloride, Basic Violet 10(81-88-9)	X					
Titanium dioxide(13463-67-7)	Х					

Component	State or local regulations
Titanium dioxide(13463-67-7)	U.S New Jersey - Right to Know Hazardous Substance List; U.S Pennsylvania - RTK (Right to Know) List
rosin(8050-09-7)	U.S Minnesota - Hazardous Substance List; U.S Washington - Permissible Exposure Limits - Carcinogens

Fluorescent Green

MARNING:

This product can expose you to formaldehyde, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

Component	Carcinogenicity	Developmental toxicity	Reproductive toxicity male	Reproductive toxicity female	No significant risk level (NSRL)	Maximum allowable dose level (MADL)
formaldehyde(50-00- 0)	Х				40 μg/day	
Titanium dioxide(13463-67-7)	Х					

Component	State or local regulations
Titanium dioxide(13463-67-7)	U.S New Jersey - Right to Know Hazardous Substance List; U.S Pennsylvania - RTK (Right to Know) List
rosin(8050-09-7)	U.S Minnesota - Hazardous Substance List; U.S Washington - Permissible Exposure Limits - Carcinogens

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Fluorescent Blue

Fluorescent Blue		
State or local regulations	The titanium dioxide in this product is bound and is not respirable. California Prop. 65 warnings are not required.	

Component	State or local regulations
Titanium dioxide(13463-67-7)	U.S New Jersey - Right to Know Hazardous Substance List; U.S Pennsylvania - RTK (Right to Know) List
rosin(8050-09-7)	U.S Minnesota - Hazardous Substance List; U.S Washington - Permissible Exposure Limits - Carcinogens

Fluorescent Orange

MARNING:

This product can expose you to 9-(2-carboxyphenyl)-3,6-bis(diethylamino)xanthylium chloride, Basic Violet 10, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

Component	Carcinogenicity	Developmental toxicity	Reproductive toxicity male	Reproductive toxicity female	No significant risk level (NSRL)	Maximum allowable dose level (MADL)
9-(2-carboxyphenyl)- 3,6- bis(diethylamino)xanth ylium chloride, Basic Violet 10(81-88-9)	X					
Titanium dioxide(13463-67-7)	Х					

Component	State or local regulations
Titanium dioxide(13463-67-7)	U.S New Jersey - Right to Know Hazardous Substance List; U.S Pennsylvania - RTK (Right to Know) List
rosin(8050-09-7)	U.S Minnesota - Hazardous Substance List; U.S Washington - Permissible Exposure Limits - Carcinogens

SECTION 16: Other information

Data sources : ACGIH (American Conference of Government Industrial Hygienists). European Chemicals

Agency (ECHA) C&L Inventory database. Accessed at

http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database. Krister Forsberg and S.Z. Mansdorf, "Quick Selection Guide to Chemical Protective Clothing", Fifth Edition. National Fire Protection Association. Fire Protection Guide to Hazardous Materials; 10th edition. OSHA 29CFR 1910.1200 Hazard Communication Standard. TSCA Chemical

Substance Inventory. Accessed at

http://www.epa.gov/oppt/existingchemicals/pubs/tscainventory/howto.html.

Other information None

Full text of H-statements:

H250	Catches fire spontaneously if exposed to air.	
H261	In contact with water releases flammable gases.	
H317	May cause an allergic skin reaction.	
H350	May cause cancer.	
H351	Suspected of causing cancer.	

Abbreviations and acronyms:

וטי	oreviations and acronyms.		
		ATE: Acute Toxicity Estimate	
		CAS (Chemical Abstracts Service) number	

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CLP: Classification, Labelling, Packaging.	
EC50: Environmental Concentration associated with a response by 50% of the test population.	
GHS: Globally Harmonized System (of Classification and Labeling of Chemicals).	
LD50: Lethal Dose for 50% of the test population	
OSHA: Occupational Safety & Health Administration	
PBT: Persistent, Bioaccumulative, Toxic	
TWA: Time Weighted Average	
TSCA: Toxic Substances Control Act	

NFPA health hazard

: 1 - Materials that, under emergency conditions, can cause significant irritation.

NFPA fire hazard

: 1 - Materials that must be preheated before ignition can

occur.

NFPA reactivity : 0 - Normally stable, even under fire exposure conditions, and not reactive with water.



This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

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