

# SAFETY DATA SHEET

## SikaThorolastic-750 fine pastel fac tint Formerly MProtect EL 750 FN Ser P



Version 1.1      Revision Date: 11/11/2021      SDS Number: 000000260112      Date of last issue: 10/06/2020  
Date of first issue: 10/06/2020

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### SECTION 1. IDENTIFICATION

Product name : SikaThorolastic-750 fine pastel fac tint Formerly MProtect EL 750 FN Ser P

Product code : 000000000056411492

#### Manufacturer or supplier's details

Company name of supplier : Sika MBCC US LLC

Address : 201 POLITO AVE  
Lyndhurst NJ 07071

Emergency telephone : ChemTel: +1-813-248-0585

#### Recommended use of the chemical and restrictions on use

Recommended use : Product for construction chemicals

Restrictions on use : Reserved for industrial and professional use.

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### SECTION 2. HAZARDS IDENTIFICATION

#### GHS classification in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200)


Carcinogenicity (Inhalation) : Category 1A

Specific target organ toxicity : Category 2 (Kidney)  
- repeated exposure

Short-term (acute) aquatic hazard : Category 3

Long-term (chronic) aquatic hazard : Category 3

#### GHS label elements

Hazard pictograms : 

Signal Word : Danger

Hazard Statements : H350 May cause cancer by inhalation.  
H373 May cause damage to organs (Kidney) through prolonged or repeated exposure.  
H412 Harmful to aquatic life with long lasting effects.

# SAFETY DATA SHEET

## SikaThorolastic-750 fine pastel fac tint Formerly MProtect EL 750 FN Ser P



Version 1.1      Revision Date: 11/11/2021      SDS Number: 000000260112      Date of last issue: 10/06/2020  
Date of first issue: 10/06/2020

Precautionary Statements : **Prevention:**  
P201 Obtain special instructions before use.  
P202 Do not handle until all safety precautions have been read and understood.  
P260 Do not breathe mist or vapors.  
P273 Avoid release to the environment.  
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

**Response:**  
P308 + P313 IF exposed or concerned: Get medical advice/ attention.

**Storage:**  
P405 Store locked up.

**Disposal:**  
P501 Dispose of contents/ container to an approved waste disposal plant.

**Other hazards**  
No data available.

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature : No data available.

#### Components

Chemical name	CAS-No.	Concentration (% w/w)
Limestone	1317-65-3	>= 30 - < 50
Titanium dioxide	13463-67-7	>= 5 - < 10
Perlite, expanded	93763-70-3	>= 1 - < 5
ethylene glycol	107-21-1	>= 1 - < 5
zinc oxide	1314-13-2	>= 0.1 - < 1
Quartz (SiO <sub>2</sub> )	14808-60-7	>= 0.1 - < 1
2-octyl-4-isothiazol-3-ones	26530-20-1	< 0.1
mixture of: 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	55965-84-9	< 0.1

Actual concentration is withheld as a trade secret

### SECTION 4. FIRST AID MEASURES

General advice : Move out of dangerous area.  
Show this material safety data sheet to the doctor in attendance.  
Do not leave the victim unattended.

If inhaled : If unconscious, place in recovery position and seek medical advice.

# SAFETY DATA SHEET

## SikaThorolastic-750 fine pastel fac tint Formerly MProtect EL 750 FN Ser P



Version	Revision Date:	SDS Number:	Date of last issue: 10/06/2020
1.1	11/11/2021	000000260112	Date of first issue: 10/06/2020

- If symptoms persist, call a physician.
- In case of skin contact : If on skin, rinse well with water.
- In case of eye contact : Flush eyes with water as a precaution.  
Remove contact lenses.  
Protect unharmed eye.  
Keep eye wide open while rinsing.  
If eye irritation persists, consult a specialist.
- If swallowed : Keep respiratory tract clear.  
Do not give milk or alcoholic beverages.  
Never give anything by mouth to an unconscious person.  
If symptoms persist, call a physician.  
Take victim immediately to hospital.
- Most important symptoms and effects, both acute and delayed : May cause cancer by inhalation.  
May cause damage to organs through prolonged or repeated exposure.  
Prolonged or repeated inhalation of respirable crystalline silica (quartz) may result in silicosis.
- Notes to physician : Treat symptomatically.

### SECTION 5. FIRE-FIGHTING MEASURES

- Suitable extinguishing media : Water spray  
Foam  
Dry powder  
Carbon dioxide (CO<sub>2</sub>)
- Unsuitable extinguishing media : High volume water jet
- Specific hazards during fire fighting : Do not allow run-off from fire fighting to enter drains or water courses.
- Further information : Collect contaminated fire extinguishing water separately. This must not be discharged into drains.  
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.
- Special protective equipment for fire-fighters : Wear self-contained breathing apparatus for firefighting if necessary.

### SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : Use personal protective equipment.
- Environmental precautions : Prevent product from entering drains.

# SAFETY DATA SHEET

## SikaThorolastic-750 fine pastel fac tint Formerly MProtect EL 750 FN Ser P



Version 1.1      Revision Date: 11/11/2021      SDS Number: 000000260112      Date of last issue: 10/06/2020  
Date of first issue: 10/06/2020

Prevent further leakage or spillage if safe to do so.  
If the product contaminates rivers and lakes or drains inform respective authorities.

Methods and materials for containment and cleaning up : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).  
Keep in suitable, closed containers for disposal.

### SECTION 7. HANDLING AND STORAGE

Advice on protection against fire and explosion : Product is not explosive.

Normal measures for preventive fire protection.

Advice on safe handling : Do not breathe vapors/dust.  
Avoid exposure - obtain special instructions before use.  
Avoid contact with skin and eyes.  
For personal protection see section 8.  
Smoking, eating and drinking should be prohibited in the application area.  
Dispose of rinse water in accordance with local and national regulations.  
Persons susceptible to skin sensitization problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used.

Conditions for safe storage : Keep container tightly closed in a dry and well-ventilated place.  
Containers which are opened must be carefully resealed and kept upright to prevent leakage.  
Electrical installations / working materials must comply with the technological safety standards.

Further information on storage conditions : Keep only in the original container in a cool, dry, well-ventilated place away from ignition sources, heat or flame.  
Protect from direct sunlight.

Materials to avoid : Observe TRGS 509/510 storage rules.

Recommended storage temperature : 41 °F / 5 °C

Further information on storage stability : Minimum storage temperature:

### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Ingredients with workplace control parameters

Components	CAS-No.	Value type	Control parame-	Basis
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# SAFETY DATA SHEET

## SikaThorolastic-750 fine pastel fac tint Formerly MProtect EL 750 FN Ser P



Version 1.1      Revision Date: 11/11/2021      SDS Number: 000000260112      Date of last issue: 10/06/2020  
 Date of first issue: 10/06/2020

		(Form of exposure)	ters / Permissible concentration	
ethylene glycol	107-21-1	TWA (Vapor)	25 ppm	ACGIH
		STEL (Vapor)	50 ppm	ACGIH
		STEL (Inhalable fraction, Aerosol only)	10 mg/m3	ACGIH
		C	50 ppm 125 mg/m3	OSHA P0
zinc oxide	1314-13-2	TWA value (Respirable fraction)	2 mg/m3	ACGIHTLV
		STEL value (Respirable fraction)	10 mg/m3	ACGIHTLV
		REL value (fumes/smoke)	5 mg/m3	NIOSH
		REL value (dust)	5 mg/m3	NIOSH
		STEL value (fumes/smoke)	10 mg/m3	NIOSH
		Ceil_Time (dust)	15 mg/m3	NIOSH
		PEL (Total dust)	15 mg/m3	29 CFR 1910.1000 (Table Z-1)
		PEL (Respirable fraction)	5 mg/m3	29 CFR 1910.1000 (Table Z-1)
		PEL (fumes/smoke)	5 mg/m3	29 CFR 1910.1000 (Table Z-1)
		TWA value (fumes/smoke)	5 mg/m3	29 CFR 1910.1000 (Table Z-1-A)
		TWA value (Respirable fraction)	5 mg/m3	29 CFR 1910.1000 (Table Z-1-A)
		TWA value (Total dust)	10 mg/m3	29 CFR 1910.1000 (Table Z-1-A)
		STEL value (fumes/smoke)	10 mg/m3	29 CFR 1910.1000 (Table Z-1-A)
		TWA (Respirable particulate matter)	2 mg/m3	ACGIH
		STEL (Res-	10 mg/m3	ACGIH

# SAFETY DATA SHEET

## SikaThorolastic-750 fine pastel fac tint Formerly MProtect EL 750 FN Ser P



Version 1.1      Revision Date: 11/11/2021      SDS Number: 000000260112      Date of last issue: 10/06/2020  
 Date of first issue: 10/06/2020

		pirable particulate matter)		
		TWA (Dust)	5 mg/m3	NIOSH REL
		TWA (Fumes)	5 mg/m3	NIOSH REL
		ST (Fumes)	10 mg/m3	NIOSH REL
		C (Dust)	15 mg/m3	NIOSH REL
		TWA (Fumes)	5 mg/m3	OSHA Z-1
		TWA (total dust)	15 mg/m3	OSHA Z-1
		TWA (respirable fraction)	5 mg/m3	OSHA Z-1
		TWA (Total dust)	10 mg/m3	OSHA P0
		TWA (respirable dust fraction)	5 mg/m3	OSHA P0
		TWA (Fumes)	5 mg/m3	OSHA P0
		STEL (Fumes)	10 mg/m3	OSHA P0
Limestone	1317-65-3	TWA (total dust)	15 mg/m3	OSHA Z-1
		TWA (respirable fraction)	5 mg/m3	OSHA Z-1
		TWA (Total dust)	15 mg/m3	OSHA P0
		TWA (respirable dust fraction)	5 mg/m3	OSHA P0
		TWA (Respirable)	5 mg/m3 (Calcium carbonate)	NIOSH REL
		TWA (total)	10 mg/m3 (Calcium carbonate)	NIOSH REL
Titanium dioxide	13463-67-7	TWA (total dust)	15 mg/m3	OSHA Z-1
		TWA (Total dust)	10 mg/m3	OSHA P0
		TWA (Titanium dioxide)	10 mg/m3	ACGIH
Perlite, expanded	93763-70-3	REL value (Respirable)	5 mg/m3	NIOSH
		REL value (Total)	10 mg/m3	NIOSH
		TWA value (Respirable fraction)	5 mg/m3	29 CFR 1910.1000 (Table Z-1-A)
		TWA value	15 mg/m3	29 CFR

# SAFETY DATA SHEET

## SikaThorolastic-750 fine pastel fac tint Formerly MProtect EL 750 FN Ser P



Version 1.1      Revision Date: 11/11/2021      SDS Number: 000000260112      Date of last issue: 10/06/2020  
Date of first issue: 10/06/2020

		(Total dust)		1910.1000 (Table Z-1-A)
		TWA (Respirable)	5 mg/m <sup>3</sup>	NIOSH REL
		TWA (total)	10 mg/m <sup>3</sup>	NIOSH REL
		TWA (Total dust)	15 mg/m <sup>3</sup>	OSHA P0
		TWA (respirable dust fraction)	5 mg/m <sup>3</sup>	OSHA P0

**Engineering measures** : No applicable information available.

### Personal protective equipment

**Respiratory protection** : Wear appropriate certified respirator when exposure limits may be exceeded.  
Use NIOSH approved respiratory protection.

**Hand protection**

**Remarks** : The suitability for a specific workplace should be discussed with the producers of the protective gloves.

**Eye protection** : Eye wash bottle with pure water  
Tightly fitting safety goggles

**Skin and body protection** : Impervious clothing  
Choose body protection according to the amount and concentration of the dangerous substance at the work place.

**Protective measures** : Do not inhale gases/vapours/aerosols.  
Avoid contact with the skin, eyes and clothing.  
Avoid exposure - obtain special instructions before use.  
Handle in accordance with good building materials hygiene and safety practice.  
Wearing of closed work clothing is recommended.

**Hygiene measures** : Wash hands before breaks and at the end of workday.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance** : liquid

**Color** : pigmented

**Odor** : sweetish, slight odour

**Odor Threshold** : No data available

# SAFETY DATA SHEET

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Version 1.1      Revision Date: 11/11/2021      SDS Number: 000000260112      Date of last issue: 10/06/2020  
Date of first issue: 10/06/2020

---

pH : approx. 9.2 - 10.0

Melting point : No applicable information available.

Boiling point : No applicable information available.

Flash point : 200.01 °F / 93.34 °C  
200 °F / 93 °C

Evaporation rate : No applicable information available.

Vapor pressure : No applicable information available.

Relative vapor density : Heavier than air.

Relative density : No applicable information available.

Density : approx. 1.3 g/cm<sup>3</sup> (68 °F / 20 °C)  
approx. 10.8 lb/USg (68 °F / 20 °C)

Solubility(ies)  
Water solubility : soluble (68 °F / 20 °C)  
Solubility in other solvents : No applicable information available.

Partition coefficient: n-octanol/water : No applicable information available.

Autoignition temperature : No data available

Decomposition temperature : No decomposition if stored and handled as prescribed/indicated.

Viscosity  
Viscosity, dynamic : No applicable information available.  
Viscosity, kinematic : No applicable information available.

Sublimation point : No applicable information available.

Molecular weight : No data available

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### SECTION 10. STABILITY AND REACTIVITY

Reactivity : No decomposition if stored and applied as directed.

Chemical stability : No decomposition if stored and applied as directed.

Possibility of hazardous reac- : No decomposition if stored and applied as directed.



# SAFETY DATA SHEET

## SikaThorolastic-750 fine pastel fac tint Formerly MProtect EL 750 FN Ser P



Version 1.1      Revision Date: 11/11/2021      SDS Number: 000000260112      Date of last issue: 10/06/2020  
Date of first issue: 10/06/2020

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tions

- Conditions to avoid : See SDS section 7 - Handling and storage.
- Incompatible materials : Strong acids  
Strong bases  
Strong oxidizing agents  
Strong reducing agents
- Hazardous decomposition products : No hazardous decomposition products if stored and handled as prescribed/indicated.
- 

### SECTION 11. TOXICOLOGICAL INFORMATION

#### Acute toxicity

Not classified based on available information.

#### Product:

Acute oral toxicity : Remarks: No applicable information available.  
Acute toxicity estimate: > 5,000 mg/kg  
Method: Calculation method

Acute inhalation toxicity : Remarks: No applicable information available.

Acute dermal toxicity : Remarks: No applicable information available.

#### Skin corrosion/irritation

Not classified based on available information.

#### Serious eye damage/eye irritation

Not classified based on available information.

#### Respiratory or skin sensitization

##### Skin sensitization

Not classified based on available information.

##### Respiratory sensitization

Not classified based on available information.

#### Germ cell mutagenicity

Not classified based on available information.

#### Carcinogenicity

May cause cancer by inhalation.

<b>IARC</b>	Group 1: Carcinogenic to humans Quartz (SiO <sub>2</sub> ) (Silica dust, crystalline)	14808-60-7
	Group 2A: Probably carcinogenic to humans Perlite, expanded (glass)	93763-70-3

# SAFETY DATA SHEET

## SikaThorolastic-750 fine pastel fac tint Formerly MProtect EL 750 FN Ser P



Version 1.1      Revision Date: 11/11/2021      SDS Number: 000000260112      Date of last issue: 10/06/2020  
Date of first issue: 10/06/2020

---

	Group 2B: Possibly carcinogenic to humans Titanium dioxide	13463-67-7
<b>OSHA</b>	OSHA specifically regulated carcinogen Quartz (SiO <sub>2</sub> ) (crystalline silica)	14808-60-7
<b>NTP</b>	Known to be human carcinogen Quartz (SiO <sub>2</sub> ) (Silica, Crystalline (Respirable Size))	14808-60-7

### Reproductive toxicity

Not classified based on available information.

### STOT-single exposure

Not classified based on available information.

### STOT-repeated exposure

May cause damage to organs (Kidney) through prolonged or repeated exposure.

### Aspiration toxicity

Not classified based on available information.

### Further information

#### Product:

Remarks : No data available

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## SECTION 12. ECOLOGICAL INFORMATION

### Ecotoxicity

#### Product:

#### Ecotoxicology Assessment

Acute aquatic toxicity : Harmful to aquatic life.

Chronic aquatic toxicity : Harmful to aquatic life with long lasting effects.

#### Components:

#### 2-octyl-4-isothiazol-3-ones:

M-Factor (Acute aquatic toxicity) : 100

M-Factor (Chronic aquatic toxicity) : 100

#### mixture of: 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1):

M-Factor (Acute aquatic toxicity) : 100

# SAFETY DATA SHEET

## SikaThorolastic-750 fine pastel fac tint Formerly MProtect EL 750 FN Ser P



Version 1.1      Revision Date: 11/11/2021      SDS Number: 000000260112      Date of last issue: 10/06/2020  
Date of first issue: 10/06/2020

---

M-Factor (Chronic aquatic toxicity) : 100

### Persistence and degradability

No data available

### Bioaccumulative potential

No data available

### Mobility in soil

No data available

### Other adverse effects

#### Product:

Additional ecological information : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.  
Harmful to aquatic life.  
Harmful to aquatic life with long lasting effects.

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## SECTION 13. DISPOSAL CONSIDERATIONS

### Disposal methods

Waste from residues : Do not contaminate ponds, waterways or ditches with chemical or used container.  
Dispose of in accordance with national, state and local regulations.  
Do not discharge into drains/surface waters/groundwater.

Contaminated packaging : Contaminated packaging should be emptied as far as possible and disposed of in the same manner as the substance/product.

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## SECTION 14. TRANSPORT INFORMATION

### International Regulations

#### UNRTDG

Not regulated as a dangerous good

#### IATA-DGR

Not regulated as a dangerous good

#### IMDG-Code

Not regulated as a dangerous good

### Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

### Domestic regulation

49 CFR

# SAFETY DATA SHEET

## SikaThorolastic-750 fine pastel fac tint Formerly MProtect EL 750 FN Ser P



Version	Revision Date:	SDS Number:	Date of last issue: 10/06/2020
1.1	11/11/2021	000000260112	Date of first issue: 10/06/2020

Not regulated as a dangerous good

### Special precautions for user

Not applicable

## SECTION 15. REGULATORY INFORMATION

### CERCLA Reportable Quantity

Listed substances in the product are at low enough levels to not be expected to exceed the RQ

### SARA 304 Extremely Hazardous Substances Reportable Quantity

Listed substances in the product are at low enough levels to not be expected to exceed the RQ

### SARA 302 Extremely Hazardous Substances Threshold Planning Quantity

This material does not contain any components with a section 302 EHS TPQ.

**SARA 313** : The following components are subject to reporting levels established by SARA Title III, Section 313:

ethylene glycol 107-21-1

### US State Regulations

#### Pennsylvania Right To Know

Limestone	1317-65-3
water	7732-18-5
Titanium dioxide	13463-67-7
Perlite, expanded	93763-70-3
ethylene glycol	107-21-1
zinc oxide	1314-13-2
Distillates (petroleum), solvent-dewaxed heavy paraffinic	64742-65-0

# SAFETY DATA SHEET

## SikaThorolastic-750 fine pastel fac tint Formerly MProtect EL 750 FN Ser P



Version	Revision Date:	SDS Number:	Date of last issue: 10/06/2020
1.1	11/11/2021	000000260112	Date of first issue: 10/06/2020

ammonia	7664-41-7
ammonia, aqueous solution	1336-21-6

### New Jersey Right To Know

Limestone	1317-65-3
water	7732-18-5
Titanium dioxide	13463-67-7
Perlite, expanded	93763-70-3
ethylene glycol	107-21-1
Distillates (petroleum), solvent-dewaxed heavy paraffinic	64742-65-0
Quartz (SiO <sub>2</sub> )	14808-60-7

### California Prop. 65

WARNING: This product can expose you to chemicals including Titanium dioxide, which is/are known to the State of California to cause cancer, and ethylene glycol, which is/are known to the State of California to cause birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

### The ingredients of this product are reported in the following inventories:

DSL : This product contains one or more components not listed on the Canadian DSL or NDSL. All other components are on the Canadian DSL.

TSCA : All chemical substances in this product are either listed as active on the TSCA Inventory or are in compliance with a TSCA Inventory exemption.

### TSCA list

No substances are subject to a Significant New Use Rule.

No substances are subject to TSCA 12(b) export notification requirements.

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## SECTION 16. OTHER INFORMATION

### Further information

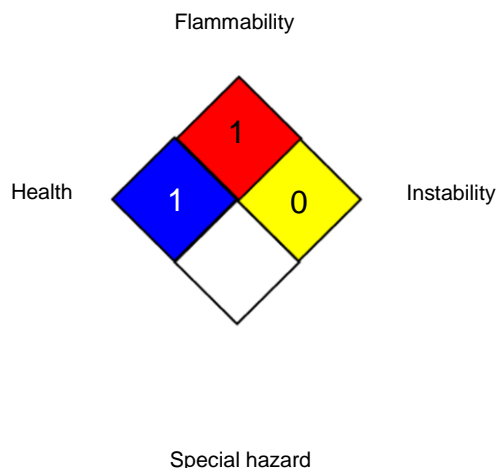
# SAFETY DATA SHEET

## SikaThorolastic-750 fine pastel fac tint Formerly MProtect EL 750 FN Ser P

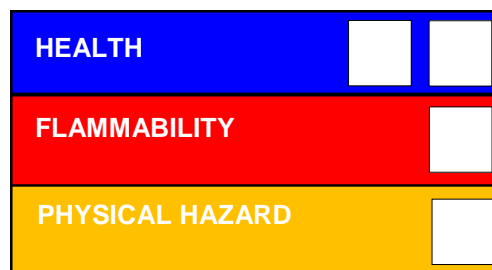


Version 1.1      Revision Date: 11/11/2021      SDS Number: 000000260112      Date of last issue: 10/06/2020  
 Date of first issue: 10/06/2020

### NFPA 704:



### HMIS® IV:



HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. The "\*" represents a chronic hazard, while the "/" represents the absence of a chronic hazard.

### Full text of other abbreviations

- 29 CFR 1910.1000 (Table Z-1-A) : OSHA - Table Z-1-A (29 CFR 1910.1000)
- 29 CFR 1910.1000 (Table Z-1) : OSHA - Table Z-1 (Limits for Air Contaminants) 29 CFR 1910.1000
- ACGIH : USA. ACGIH Threshold Limit Values (TLV)
- ACGIHTLV : American Conference of Governmental Industrial Hygienists - threshold limit values (US)
- NIOSH : NIOSH Pocket Guide to Chemical Hazards (US)
- NIOSH REL : USA. NIOSH Recommended Exposure Limits
- OSHA P0 : USA. OSHA - TABLE Z-1 Limits for Air Contaminants - 1910.1000
- OSHA Z-1 : USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants
- 29 CFR 1910.1000 (Table Z-1-A) / STEL value : Short Term Exposure Limit (STEL):
- 29 CFR 1910.1000 (Table Z-1-A) / TWA value : Time Weighted Average (TWA):
- 29 CFR 1910.1000 (Table Z-1) / PEL : Permissible exposure limit
- ACGIH / TWA : 8-hour, time-weighted average
- ACGIH / STEL : Short-term exposure limit
- ACGIHTLV / STEL value : Short Term Exposure Limit (STEL):
- ACGIHTLV / TWA value : Time Weighted Average (TWA):
- NIOSH / Ceil\_Time : Ceiling Limit Value and Time Period (if specified):
- NIOSH / REL value : Recommended exposure limit (REL):
- NIOSH / STEL value : Short Term Exposure Limit (STEL):
- NIOSH REL / TWA : Time-weighted average concentration for up to a 10-hour workday during a 40-hour workweek
- NIOSH REL / ST : STEL - 15-minute TWA exposure that should not be exceeded at any time during a workday
- NIOSH REL / C : Ceiling value not be exceeded at any time.
- OSHA P0 / TWA : 8-hour time weighted average

# SAFETY DATA SHEET

## SikaThorolastic-750 fine pastel fac tint Formerly MProtect EL 750 FN Ser P



Version	Revision Date:	SDS Number:	Date of last issue: 10/06/2020
1.1	11/11/2021	00000260112	Date of first issue: 10/06/2020

OSHA P0 / STEL : Short-term exposure limit  
OSHA P0 / C : Ceiling limit  
OSHA Z-1 / TWA : 8-hour time weighted average

AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DOT - Department of Transportation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; EHS - Extremely Hazardous Substance; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; HMIS - Hazardous Materials Identification System; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; MSHA - Mine Safety and Health Administration; n.o.s. - Not Otherwise Specified; NFPA - National Fire Protection Association; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; RCRA - Resource Conservation and Recovery Act; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RQ - Reportable Quantity; SADT - Self-Accelerating Decomposition Temperature; SARA - Superfund Amendments and Reauthorization Act; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

Revision Date : 11/11/2021

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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