SAFETY DATA SHEET

A-01E

Section 1. Identification

GHS product identifier : HP Grinding, HP XX, Allsteel XX, Stainless, ALU, Concrete, Pipefitter, Xcavator, Ripcut, Chopcut, Chopcut ALU, Portacut, Zip, Zip Stainless, Zipcut, Zip ALU, Railcut, HP Cup Wheel, Flexcut, Flexcut Milscale, Zip XXTREME, Zip TiTAN, Chopcut TiTAN, Allsteel, Toughcut

Product code : 08-B (310, 312, 400, 402, 410, 412, 450, 451, 452, 460, 462, 500, 501, 502, 510, 512, 600, 602, 630, 632, 701, 710, 712, 901, 910, 912)
08-C (450, 452, 500, 502, 600, 602, 700, 702, 900, 902)
08-D (452, 502, 702)
08-E (450, 500, 700)
08-F (450,451,452,460,462,500,501,502,510,512,600,602,700,702,900,902)
08-H (450, 452, 500, 502, 600, 602, 700, 702, 900, 902)
08-K (400, 410, 450, 460, 500, 510, 600, 700, 701, 900, 901)
08-L (450, 452, 500, 502, 600, 602, 700, 702, 900, 902)
08-N (452,453,454,502,503,504,533,602,603,604,633,634,702,703,704,904)
08-P (450, 460, 500, 510, 600, 700, 900)
10-A (123, 143, 163, 183, 203, 206, 246)
10-B (123, 143, 163, 183, 203, 246)
10-C (123, 143, 163, 203, 206)
10-H (143, 163)
10-L (123, 143)
10-P (123, 143, 163)
10-Q (123, 143, 163)
11-A (121, 122, 123, 141, 142, 143)
11-D (121, 122, 123, 141, 142, 143)
11-F (042, 052, 062, 072, 092, 142, 152, 162, 172, 192)
11-H (042, 052, 062, 072)
11-L (211, 213, 221, 223, 231, 233, 251, 253, 302, 303, 308, 312, 313, 322, 323, 333, 353, 403, 405, 408, 413, 415, 423, 433, 453)
11-R (042, 052, 062, 072, 092)
11-T (042, 044, 052, 054, 062, 064, 070, 072, 074, 080, 092, 100, 142, 152, 162, 172, 192, 242, 252, 262, 272, 292, 342, 352, 362, 453, 503, 542, 552, 603, 642, 652, 662, 772, 842, 844, 852, 854, 862, 864)
11-U (042, 052, 062, 072, 142, 152, 162, 172, 303, 403)
11-V (143,145,163,165)
12-A (004, 005, 006)
12-B (004, 005, 006)
15-L(303,306,453,456,460,503,506,510,602,603,606,702,703,706,710,463, 513, 516, 843, 853, 863, 873)

SDS no. : A-01 E

Product type : Solid.

Section 1. Identification

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

Identified uses : Grinding with portable hand angle grinder machines.

Manufacturer : Walter Surface Technologies Inc.

Supplier's details : 5977 Trans Canada Highway West
Pointe-Claire, Quebec
H9R 1C1
Phone: 514-630-2800
Toll Free: 1-800-363-7368
Fax: 514-630-2825

Emergency telephone number (with hours of operation) : CANUTEC (Canadian Transport Emergency Centre), (613) 996-6666, 24 hours / 7 days

Section 2. Hazards identification

OSHA/HCS status : While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

Classification of the substance or mixture : Not classified.

This product is an Article under the United States Hazard Communication systems and WHMIS 2015. Therefore it is EXEMPTED from the regulatory requirements under HCS and WHMIS 2015.

GHS label elements

Signal word : No signal word.

Hazard statements : No known significant effects or critical hazards.

Precautionary statements

Prevention : Not applicable.

Response : Not applicable.

Storage : Not applicable.

Disposal : Not applicable.

Hazards not otherwise classified : None known.

Section 3. Composition/information on ingredients

Substance/mixture : Mixture

Product code : 08-B (310, 312, 400, 402, 410, 412, 450, 451, 452, 460, 462, 500, 501, 502, 510, 512, 600, 602, 630, 632, 701, 710, 712, 901, 910, 912)
08-C (450, 452, 500, 502, 600, 602, 700, 702, 900, 902)
08-D (452, 502, 702)
08-E (450, 500, 700)
08-F (450,451,452,460,462,500,501,502,510,512,600,602,700,702,900,902)
08-H (450, 452, 500, 502, 600, 602, 700, 702, 900, 902)
08-K (400, 410, 450, 460, 500, 510, 600, 700, 701, 900, 901)
08-L (450, 452, 500, 502, 600, 602, 700, 702, 900, 902)
08-N (452,453,454,502,503,504,533,602,603,604,633,634,702,703,704,904)
08-P (450, 460, 500, 510, 600, 700, 900)
10-A (123, 143, 163, 183, 203, 206, 246)
10-B (123, 143, 163, 183, 203, 246)
10-C (123, 143, 163, 203, 206)
10-H (143, 163)
10-L (123, 143)
10-P (123, 143, 163)
10-Q (123, 143, 163)
11-A (121, 122, 123, 141, 142, 143)
11-D (121, 122, 123, 141, 142, 143)
11-F (042, 052, 062, 072, 092, 142, 152, 162, 172, 192)
11-H (042, 052, 062, 072)
11-L (211, 213, 221, 223, 231, 233, 251, 253, 302, 303, 308, 312, 313, 322, 323, 333, 353, 403, 405, 408, 413, 415, 423, 433, 453)
11-R (042, 052, 062, 072, 092)
11-T (042, 044, 052, 054, 062, 064, 070, 072, 074, 080, 092, 100, 142, 152, 162, 172, 192, 242, 252, 262, 272, 292, 342, 352, 362, 453, 503, 542, 552, 603, 642, 652, 662, 772, 842, 844, 852, 854, 862, 864)
11-U (042, 052, 062, 072, 142, 152, 162, 172, 303, 403)
11-V (143,145,163,165)
12-A (004, 005, 006)
12-B (004, 005, 006)
15-L(303,306,453,456,460,503,506,510,602,603,606,702,703,706,710,463, 513, 516, 843, 853, 863, 873)

Ingredient name	%	CAS number
Formaldehyde, oligomeric reaction products with phenol	10 - 30	9003-35-4
Aluminum potassium fluoride	10 - 30	60304-36-1
Titanium dioxide	1 - 5	13463-67-7
Calcium oxide	1 - 5	1305-78-8
Zinc oxide	1 - 5	1314-13-2
Carbon black, respirable powder	0.1 - 1	1333-86-4

United States: The exact percentage (concentration) in the composition has been withheld as a trade secret in accordance with paragraph (i) of §1910.1200.
Canada: The exact percentage (concentration) in the composition has been withheld as a trade secret in accordance with the amended HPR as of April 2018.

Section 3. Composition/information on ingredients

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First aid measures

Description of necessary first aid measures

Eye contact : Not a likely route of exposure.

Inhalation : Not a likely route of exposure.

Skin contact : Flush contaminated skin with plenty of water. Get medical attention if symptoms occur.

Ingestion : Not a likely route of exposure. Get medical attention if symptoms occur.

Most important symptoms/effects, acute and delayed

Potential acute health effects

Eye contact : No known significant effects or critical hazards.

Inhalation : No known significant effects or critical hazards.

Skin contact : No known significant effects or critical hazards.

Ingestion : No known significant effects or critical hazards.

Over-exposure signs/symptoms

Eye contact : No known significant effects or critical hazards.

Inhalation : No known significant effects or critical hazards.

Skin contact : No known significant effects or critical hazards.

Ingestion : No known significant effects or critical hazards.

Indication of immediate medical attention and special treatment needed, if necessary

Notes to physician : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

Specific treatments : No specific treatment.

Protection of first-aiders : No action shall be taken involving any personal risk or without suitable training.

See toxicological information (Section 11)

Section 5. Fire-fighting measures

Extinguishing media

Suitable extinguishing media : Use an extinguishing agent suitable for the surrounding fire.

Unsuitable extinguishing media : None known.

Specific hazards arising from the chemical : No specific fire or explosion hazard.

Hazardous thermal decomposition products : Decomposition products may include the following materials:
carbon dioxide
carbon monoxide
sulfur oxides
halogenated compounds
metal oxide/oxides

Section 5. Fire-fighting measures

Special protective actions for fire-fighters : No special measures are required.

Special protective equipment for fire-fighters : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel : No action shall be taken involving any personal risk or without suitable training. Keep unnecessary and unprotected personnel from entering.

For emergency responders : If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

Environmental precautions : N/A, solid material

Methods and materials for containment and cleaning up

Small spill : N/A, solid material

Large spill : N/A, solid material

Section 7. Handling and storage

Precautions for safe handling

Protective measures : Put on appropriate personal protective equipment (see Section 8).

Advice on general occupational hygiene : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. See also Section 8 for additional information on hygiene measures.

Conditions for safe storage, including any incompatibilities : Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

Section 8. Exposure controls/personal protection

Control parameters

United States

Occupational exposure limits

Ingredient name	Exposure limits
Formaldehyde, oligomeric reaction products with phenol	None.
Aluminum potassium fluoride	**ACGIH TLV (United States, 3/2017).** TWA: 2.5 mg/m³, (as F) 8 hours. **NIOSH REL (United States, 10/2016).** TWA: 2 mg/m³, (as Al) 10 hours. **OSHA PEL (United States, 6/2016).** TWA: 2.5 mg/m³, (as F) 8 hours. **OSHA PEL Z2 (United States, 2/2013).** TWA: 2.5 mg/m³ 8 hours. Form: Dust
Titanium dioxide	**ACGIH TLV (United States, 3/2017).**

Section 8. Exposure controls/personal protection

	TWA: 10 mg/m³ 8 hours. **OSHA PEL (United States, 6/2016).** TWA: 15 mg/m³ 8 hours. Form: Total dust
Calcium oxide	**ACGIH TLV (United States, 3/2017).** TWA: 2 mg/m³ 8 hours. **NIOSH REL (United States, 10/2016).** TWA: 2 mg/m³ 10 hours. **OSHA PEL (United States, 6/2016).** TWA: 5 mg/m³ 8 hours.
Zinc oxide	**NIOSH REL (United States, 10/2016).** CEIL: 15 mg/m³ Form: Dust TWA: 5 mg/m³ 10 hours. Form: Dust and fumes STEL: 10 mg/m³ 15 minutes. Form: Fertilizer and/or industrial use. **OSHA PEL (United States, 6/2016).** TWA: 5 mg/m³ 8 hours. Form: Fertilizer and/or industrial use. TWA: 5 mg/m³ 8 hours. Form: Respirable fraction TWA: 15 mg/m³ 8 hours. Form: Total dust **ACGIH TLV (United States, 3/2017).** TWA: 2 mg/m³ 8 hours. Form: Respirable fraction STEL: 10 mg/m³ 15 minutes. Form: Respirable fraction
Carbon black, respirable powder	**NIOSH REL (United States, 10/2016).** TWA: 3.5 mg/m³ 10 hours. TWA: 0.1 mg of PAHs/cm³ 10 hours. **OSHA PEL (United States, 6/2016).** TWA: 3.5 mg/m³ 8 hours. **ACGIH TLV (United States, 3/2017).** TWA: 3 mg/m³ 8 hours. Form: Inhalable fraction

Canada

Occupational exposure limits

Ingredient name	Exposure limits
Aluminum potassium fluoride	**CA Alberta Provincial (Canada, 4/2009).** 8 hrs OEL: 2 mg/m³, (as Al) 8 hours. **CA British Columbia Provincial (Canada, 7/2016).** TWA: 2.5 mg/m³, (as F) 8 hours. **CA Ontario Provincial (Canada, 7/2015).** TWA: 2.5 mg/m³, (as F) 8 hours. **CA Quebec Provincial (Canada, 1/2014).** TWAEV: 2.5 mg/m³, (as F) 8 hours. **CA Saskatchewan Provincial (Canada, 7/2013).** STEL: 4 mg/m³, (measured as Al) 15 minutes. TWA: 2 mg/m³, (measured as Al) 8 hours.
Titanium dioxide	**CA British Columbia Provincial (Canada, 7/2016).** TWA: 3 mg/m³ 8 hours. Form: Respirable dust TWA: 10 mg/m³ 8 hours. Form: Total dust **CA Alberta Provincial (Canada, 4/2009).** 8 hrs OEL: 10 mg/m³ 8 hours. **CA Ontario Provincial (Canada, 7/2015).** TWA: 10 mg/m³ 8 hours. **CA Quebec Provincial (Canada, 1/2014).** TWAEV: 10 mg/m³ 8 hours. Form: Total dust **CA Saskatchewan Provincial (Canada, 7/2013).** STEL: 20 mg/m³ 15 minutes. TWA: 10 mg/m³ 8 hours.
Calcium oxide	**CA Alberta Provincial (Canada, 4/2009).** 8 hrs OEL: 2 mg/m³ 8 hours. **CA British Columbia Provincial (Canada, 7/2016).** TWA: 2 mg/m³ 8 hours. **CA Ontario Provincial (Canada, 7/2015).** TWA: 2 mg/m³ 8 hours. **CA Quebec Provincial (Canada, 1/2014).** TWAEV: 2 mg/m³ 8 hours. **CA Saskatchewan Provincial (Canada, 7/2013).** STEL: 4 mg/m³ 15 minutes. TWA: 2 mg/m³ 8 hours.
Zinc oxide	**CA Quebec Provincial (Canada, 1/2014).** TWAEV: 5 mg/m³ 8 hours. Form: Fertilizer and/or industrial use.

Section 8. Exposure controls/personal protection

	STEV: 10 mg/m³ 15 minutes. Form: Fertilizer and/or industrial use. **CA Alberta Provincial (Canada, 4/2009).** 8 hrs OEL: 2 mg/m³ 8 hours. Form: Respirable 15 min OEL: 10 mg/m³ 15 minutes. Form: Respirable **CA British Columbia Provincial (Canada, 7/2016).** TWA: 2 mg/m³ 8 hours. Form: Respirable STEL: 10 mg/m³ 15 minutes. Form: Respirable **CA Saskatchewan Provincial (Canada, 7/2013).** STEL: 10 mg/m³ 15 minutes. Form: Respirable dust and fume. TWA: 2 mg/m³ 8 hours. Form: Respirable dust and fume. **CA Ontario Provincial (Canada, 7/2015).** TWA: 2 mg/m³ 8 hours. Form: Respirable fraction STEL: 10 mg/m³ 15 minutes. Form: Respirable fraction
Carbon black, respirable powder	**CA British Columbia Provincial (Canada, 7/2016).** TWA: 3 mg/m³ 8 hours. Form: Inhalable **CA Alberta Provincial (Canada, 4/2009).** 8 hrs OEL: 3.5 mg/m³ 8 hours. **CA Quebec Provincial (Canada, 1/2014).** TWAEV: 3.5 mg/m³ 8 hours. **CA Ontario Provincial (Canada, 7/2015).** TWA: 3 mg/m³ 8 hours. Form: Inhalable fraction **CA Saskatchewan Provincial (Canada, 7/2013).** STEL: 7 mg/m³ 15 minutes. TWA: 3.5 mg/m³ 8 hours.

Appropriate engineering controls : Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

Environmental exposure controls : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation.

Individual protection measures

Hygiene measures : Follow good industrial hygiene practice.

Eye/face protection : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.

Skin protection

Hand protection : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

Body protection : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Other skin protection : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Respiratory protection : Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

Section 9. Physical and chemical properties

Appearance

Physical state	:	Solid.
Color	:	Variable.
Odor	:	Not applicable.
Odor threshold	:	Not applicable.
pH	:	Not applicable.
Melting point	:	Not available.
Boiling point	:	Not available.
Flash point	:	Not applicable.
Evaporation rate	:	Not applicable.
Flammability (solid, gas)	:	Not available.
Lower and upper explosive (flammable) limits	:	Not applicable.
Vapor pressure	:	Not available.
Vapor density	:	Not applicable.
Relative density	:	0.8 to 3.5 g/cm³
Solubility	:	Not available.
Partition coefficient: n-octanol/water	:	Not applicable.
Auto-ignition temperature	:	Not available.
Decomposition temperature	:	Not available.
Viscosity	:	Not applicable.
Flow time (ISO 2431)	:	Not available.
VOC content (g/l)	:	0 % (w/w)

Section 10. Stability and reactivity

Reactivity	:	No specific test data related to reactivity available for this product or its ingredients.
Chemical stability	:	The product is stable.
Possibility of hazardous reactions	:	Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid	:	No specific data.
Incompatible materials	:	Reactive or incompatible with the following materials: oxidizing materials, acids and alkalis.
Hazardous decomposition products	:	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11. Toxicological information

Information on toxicological effects

Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
Carbon black, respirable powder	LD50 Oral	Rat	>15400 mg/kg	-

Irritation/Corrosion

There is no data available.

Sensitization

There is no data available.

Mutagenicity

There is no data available.

Carcinogenicity

Classification

Product/ingredient name	OSHA	IARC	NTP
Aluminum potassium fluoride	-	3	-
Titanium dioxide	-	2B	-
Carbon black, respirable powder	-	2B	-

Reproductive toxicity

There is no data available.

Teratogenicity

There is no data available.

Specific target organ toxicity (single exposure)

Name	Category	Target organs
Calcium oxide	Category 3	Respiratory tract irritation

Specific target organ toxicity (repeated exposure)

Name	Category	Target organs
Aluminum potassium fluoride	Category 1	Not determined

Aspiration hazard

There is no data available.

Information on the likely routes of exposure : Inhalation. Ingestion.

Potential acute health effects

Eye contact : No known significant effects or critical hazards.

Inhalation : No known significant effects or critical hazards.

Skin contact : No known significant effects or critical hazards.

Ingestion : No known significant effects or critical hazards.

Symptoms related to the physical, chemical and toxicological characteristics

Eye contact : No known significant effects or critical hazards.

Inhalation : No known significant effects or critical hazards.

Skin contact : No known significant effects or critical hazards.

Ingestion : No known significant effects or critical hazards.

Section 11. Toxicological information

Delayed and immediate effects and also chronic effects from short and long term exposure

Short term exposure

Potential immediate effects : No known significant effects or critical hazards.

Potential delayed effects : No known significant effects or critical hazards.

Long term exposure

Potential immediate effects : No known significant effects or critical hazards.

Potential delayed effects : No known significant effects or critical hazards.

Potential chronic health effects

General : No known significant effects or critical hazards.

Carcinogenicity : No known significant effects or critical hazards.

Mutagenicity : No known significant effects or critical hazards.

Teratogenicity : No known significant effects or critical hazards.

Developmental effects : No known significant effects or critical hazards.

Fertility effects : No known significant effects or critical hazards.

Numerical measures of toxicity

Acute toxicity estimates

There is no data available.

Section 12. Ecological information

Toxicity

Product/ingredient name	Result	Species	Exposure
Titanium dioxide	Acute LC50 >1000000 µg/L Marine water	Fish - Fundulus heteroclitus	96 hours
Calcium oxide	Chronic NOEC 100 mg/L Fresh water	Fish - Oreochromis niloticus - Juvenile (Fledgling, Hatchling, Weanling)	46 days
Zinc oxide	Acute IC50 1.85 mg/L Marine water	Algae - Skeletonema costatum	96 hours
	Acute IC50 46 µg/L Fresh water	Algae - Pseudokirchneriella subcapitata - Exponential growth phase	72 hours
	Acute LC50 98 µg/L Fresh water	Daphnia - Daphnia magna - Neonate	48 hours
	Acute LC50 1.1 ppm Fresh water	Fish - Oncorhynchus mykiss	96 hours
Carbon black, respirable powder	Acute EC50 37.563 mg/L Fresh water	Daphnia - Daphnia magna - Neonate	48 hours

Persistence and degradability

There is no data available.

Bioaccumulative potential

Product/ingredient name	$LogP_{ow}$	BCF	Potential
Calcium oxide	-	2.34	low
Zinc oxide	-	60960	high

Mobility in soil

Soil/water partition coefficient (K_{OC}) : Not available.

Other adverse effects : No known significant effects or critical hazards.

Section 13. Disposal considerations

Disposal methods : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Section 14. Transport information

	DOT Classification	TDG Classification	IMDG	IATA
UN number	Not regulated.	Not regulated.	Not regulated.	Not regulated.
UN proper shipping name	-	-	-	-
Transport hazard class(es)	-	-	-	-
Packing group	-	-	-	-
Environmental hazards	No.	No.	No.	No.

AERG : Not applicable.

Special precautions for user : **Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Section 15. Regulatory information

U.S. Federal regulations : **United States inventory (TSCA 8b)**: All components are listed or exempted.
Clean Water Act (CWA) 307: Zinc oxide

Clean Air Act Section 112 (b) Hazardous Air Pollutants (HAPs) : Listed

Clean Air Act Section 602 Class I Substances : Not listed

Clean Air Act Section 602 Class II Substances : Not listed

DEA List I Chemicals (Precursor Chemicals) : Not listed

DEA List II Chemicals (Essential Chemicals) : Not listed

SARA 302/304

Section 15. Regulatory information

Composition/information on ingredients

No products were found.

SARA 304 RQ : Not applicable.

SARA 311/312

Classification : Not applicable.

Composition/information on ingredients

Name	Classification
Formaldehyde, oligomeric reaction products with phenol	SKIN SENSITIZATION - Category 1
Aluminum potassium fluoride	ACUTE TOXICITY (inhalation) - Category 4 SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2A TOXIC TO REPRODUCTION - Effects on or via lactation SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 1 SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) (inhalation) - Category 1
Titanium dioxide	CARCINOGENICITY - Category 2
Calcium oxide	SKIN CORROSION/IRRITATION - Category 2 SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 1 SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Respiratory tract irritation) - Category 3
Carbon black, respirable powder	CARCINOGENICITY - Category 2

SARA 313

	Product name	CAS number
Form R - Reporting requirements	Zinc oxide	1314-13-2
Supplier notification	Zinc oxide	1314-13-2

SARA 313 notifications must not be detached from the SDS and any copying and redistribution of the SDS shall include copying and redistribution of the notice attached to copies of the SDS subsequently redistributed.

State regulations

Massachusetts : The following components are listed: Aluminium oxide; Titanium dioxide; Calcium oxide; Zinc oxide; Diiron trioxide; Glass, oxide, chemicals

New York : None of the components are listed.

New Jersey : The following components are listed: Aluminium oxide; Aluminum potassium fluoride; Titanium dioxide; Calcium oxide; Zinc oxide; Diiron trioxide; Carbon black, respirable powder

Pennsylvania : The following components are listed: Aluminium oxide; Titanium dioxide; Calcium oxide; Zinc oxide; Diiron trioxide; Carbon black, respirable powder

California Prop. 65

⚠ **WARNING**: This product can expose you to chemicals including Titanium dioxide, Carbon black, respirable powder, which are known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

Canada

Canadian lists

Canadian NPRI : The following components are listed: Zinc oxide

CEPA Toxic substances : The following components are listed: Aluminum potassium fluoride

Canada inventory (DSL NDSL) : All components are listed or exempted.

International lists

National inventory

Europe : All components are listed or exempted.

Section 15. Regulatory information

Republic of Korea : All components are listed or exempted.

Taiwan : All components are listed or exempted.

Section 16. Other information

Procedure used to derive the classification

Classification	Justification
Not classified.	

History

Date of issue mm/dd/yyyy : 06/30/2018

Date of previous issue : 05/30/2015

Version : 2

Prepared by : KMK Regulatory Services Inc.

Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.
Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.