

Version Number 1.7 Revision Date 02/19/2025 Page 1 of 16 Print Date 02/22/2025

SAFETY DATA SHEET

MC-71681PP POST WHITE W/UV

Section 1. Identification	on	
GHS product identifier	:	MC-71681PP POST WHITE W/UV
Chemical name	:	Mixture
CAS number	:	Mixture
Other means of identification	:	CC01065789
Product type	:	solid
Relevant identified uses of the subs	stance	or mixture and uses advised against
Product use	:	Industrial applications. Plastics.
Supplier's details	:	Avient Corporation
••		33587 Walker Road, Avon Lake, OH 44012
		1 (440) 930-1000 or 1 (844) 4AVIENT
Emergency telephone number	:	CHEMTREC 1-800-424-9300 (24hrs for spill, leak, fire, exposure or
(with hours of operation)	•	accident).
(min hours of operation)		

Section 2. Hazards identification

This mixture has not been evaluated as a whole. Information provided on the health effects of this product is based on individual components. All ingredients are bound and potential for hazardous exposure as shipped is minimal. However, some vapors may be released upon heating and the end-user (fabricator) must take the necessary precautions (mechanical ventilation, respiratory protection, etc.) to protect employees from exposure. After handling, always wash hands thoroughly with soap and water.

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.
GHS label elements		
Signal word	:	No signal word.
		1/16

ÄVIENT

SAFETY DATA SHEET MC-71681PP POST WHITE W/UV

Version Number 1.7 Revision Date 02/19/2025 Page 2 of 16 Print Date 02/22/2025

Hazard statements

No known significant effects or critical hazards.

Precautionary statements

	:	Not applicable.
Prevention	:	Not applicable.
Response	:	Not applicable.
Storage	:	Not applicable.
Disposal	:	Not applicable.
Supplemental label elements	:	None known.
Hazards not otherwise classified	:	None known.
		Not available.

Section 3. Composition/information on ingredients

:

Substance/mixture	:	Mixture
Chemical name	:	Mixture
Other means of identification	:	CC01065789

CAS number/other identifiers

Ingredient name	%	CAS number
Titanium dioxide	>= 25 - <= 50	13463-67-7
Quartz	> 0 - <= 0.3	14808-60-7

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

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	:	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
Inhalation	:	Remove victim to fresh air and keep at rest in a position comfortable
		2/16



Version Number 1.7	Page 3 of 16
Revision Date 02/19/2025	Print Date 02/22/2025

Skin contact	:	for breathing. Get medical attention if symptoms occur. Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
Ingestion	:	Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

Most important symptoms/effects, acute and delayed

Potential acute health ef	ffects
---------------------------	--------

Eye contact Inhalation Skin contact Ingestion <u>Over-exposure signs/symptoms</u>	:	No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards.	
Eye contact	:	No specific data.	
Inhalation	:	No specific data.	
Skin contact	:	No specific data.	
Ingestion	:	No specific data.	
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 Unsuitable extinguishing media	:	In case of fire, use water spray (fog), foam, dry chemical or CO ₂ . None known.
Specific hazards arising from the chemical	:	No specific fire or explosion hazard.
Hazardous thermal	:	Decomposition products may include the following materials:
3/16		



Version Number 1.7 Revision Date 02/19/2025 Page 4 of 16 Print Date 02/22/2025

decomposition products	carbon dioxide carbon monoxide metal oxide/oxides
Special protective actions for fire- fighters	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
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. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.
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	:	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
Methods and materials for containmen	nt ai	nd cleaning up
Small spill	:	Move containers from spill area. Vacuum or sweep up material and place in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor.
Large spill	:	Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Vacuum or sweep up material and place in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

Section 7. Handling and storage

:

Precautions for safe handling

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



Version Number 1.7 Revision Date 02/19/2025 Page 5 of 16 Print Date 02/22/2025

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. Remove contaminated clothing and protective equipment before entering eating areas. 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.

Section 8. Exposure controls/personal protection

Control parameters

Occupational exposure limits

Ingredient name	Exposure limits				
Titanium dioxide	OSHA PEL 1989 (1989-03-01)				
	TWA 10 mg/m3 Form: Total dust				
	OSHA PEL (1993-06-30) TWA 15 mg/m3 Form: Total dust				
	TWA 15 mg/m3 Form: Total dust				
	ACGIH TLV (2022-01-06)				
	TWA 0.2 mg/m3 Form: respirable fraction, nanoscale particles				
	TWA 2.5 mg/m3 Form: respirable fraction, finescale particles				
Quartz	OSHA PEL 1989 (1989-03-01)				
	TWA 0.1 mg/m3 (Calculated as Quartz) Form: Respirable dust				
	OSHA PEL Z3 (1997-09-03)				
	TWA 250 MPPCF / (%SiO2+5) Form: Respirable				
	TWA 10 MG /M3 / (%SiO2+2) Form: Respirable				
	OSHA PEL Z3 (1997-09-03)				
	TWA 30 MG /M3 / (%SiO2+2) Form: Total dust				
	NIOSH REL (1994-06-01)				
	TWA 0.05 mg/m3 Form: Respirable dust				
	ACGIH TLV (2005-12-09)				
	TWA 0.025 mg/m3 Form: Respirable fraction				
	OSHA PEL (2016-06-23)				
	TWA 0.05 mg/m3 Form: Respirable dust				



Version Number 1.7 Revision Date 02/19/2025 Page 6 of 16 Print Date 02/22/2025

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. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.
Individual protection measures		
Hygiene measures	:	Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.
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

ÄVIENT

SAFETY DATA SHEET MC-71681PP POST WHITE W/UV

Version Number 1.7 Revision Date 02/19/2025 Page 7 of 16 Print Date 02/22/2025

Physical state	:	solid [Pellets.]
Color		WHITE
Odor	:	Faint odor.
Odor threshold		Not available.
pH		Not available.
Melting point	:	Not available.
Boiling point		Not available.
Flash point		Not applicable.
	•	Tiot applicable.
Burning time	:	Not available.
Burning rate		Not available.
Evaporation rate	:	Not available.
Flammability (solid, gas)	:	Not available.
Lower and upper explosive		Lower: Not applicable.
(flammable) limits		Upper: Not applicable.
X 7		N '1. 1. 1.
Vapor pressure	:	Not available.
Vapor density	:	Not applicable.
Relative density	:	Not available.
Solubility	:	Not available.
Solubility in water	:	insoluble in water.
Partition coefficient: n-	:	Not applicable.
octanol/water		
Auto-ignition temperature	:	Not applicable.
Decomposition temperature	:	Not available.
SADT	:	Not available.
Viscosity	:	Dynamic: Not available.
		Kinematic: Not applicable.
Aerosol product		
Heat of combustion	:	Not available.
Ignition distance	:	Not available.
Enclosed space ignition - Time	:	Not available.
equivalent		
Enclosed space ignition -	:	Not available.
Deflagration density		
Flame height	:	Not available.
Flame duration	:	Not available.



Version Number 1.7 Revision Date 02/19/2025

Page 8 of 16 Print Date 02/22/2025

Section 10. Stability and reactivity

Reactivity	:	No specific test data related to reactivity available for this product or its ingredients.
Chemical stability	:	Stable under recommended storage and handling conditions (see Section 7).
Possibility of hazardous reactions	:	Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid	:	Keep away from extreme heat and oxidizing agents.
Incompatible materials	:	Keep away from strong acids. Oxidizer.
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
Titanium oxide (TiO2)				
	LC50 Inhalation Dusts and mists	Rat - Male	6.82 Mg/l	4 h
	LD50 Dermal	Rabbit	> 5,000 mg/kg	-
Conclusion/Summary	: Mixtur	e.Not fully tested.		
Irritation/Corrosion				
Conclusion/Summary				

conclusion, summing	
Skin	: Mixture.Not fully tested.
Eyes	: Mixture.Not fully tested.
Respiratory	: Mixture.Not fully tested.
<u>Sensitization</u>	
Conclusion/Summary	
Skin	: Mixture.Not fully tested.
Respiratory	: Mixture.Not fully tested.
<u>Mutagenicity</u>	
Conclusion/Summary	: Mixture.Not fully tested.
	8/16



Version Number 1.7 Revision Date 02/19/2025 Page 9 of 16 Print Date 02/22/2025

Carcinogenicity

Conclusion/Summary : Mixture.Not fully tested.

Classification

Product/ingredient name	OSHA	IARC	NTP
Titanium oxide (TiO2)	-	2B	-
Quartz (SiO2)	-	1	Known to be a human carcinogen.

Reproductive toxicity

Conclusion/Summary : Mixture.Not fully tested.

Teratogenicity

Conclusion/Summary : Mixture.Not fully tested.

Specific target organ toxicity (single exposure)

Not available.

Specific target organ toxicity (repeated exposure)

Name	Category	Route of exposure	Target organs
Quartz (SiO2)	Category 1	-	-

Aspiration hazard

Not available.

Information on the likely routes of	:	Not available.
exposure		

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 specific data.
Inhalation	: No specific data.
Skin contact	: No specific data.
Ingestion	: No specific data.
	9/16



Version Number 1.7 Revision Date 02/19/2025 Page 10 of 16 Print Date 02/22/2025

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

Short term exposure **Potential immediate effects** Not available. : **Potential delayed effects** : Not available. Long term exposure **Potential immediate effects** Not available. : Not available. **Potential delayed effects** : Potential chronic health effects **Conclusion/Summary** Mixture.Not fully tested. : No known significant effects or critical hazards. General : Carcinogenicity No known significant effects or critical hazards. : No known significant effects or critical hazards. Mutagenicity : Teratogenicity No known significant effects or critical hazards. : **Developmental effects** No known significant effects or critical hazards. : No known significant effects or critical hazards. No known significant **Fertility effects** : effects or critical hazards. Numerical measures of toxicity Acute toxicity estimates N/A This mixture has not been evaluated as a whole for health effects. **Other information** : Exposure effects listed are based on existing health data for the individual components which comprise the mixture.

Section 12. Ecological information

Toxicity

Product/ingredient name	Result	Species	Exposure
Titanium oxide (TiO2)			
	Acute LC50 > 1,000 Mg/l	Fish - Fundulus heteroclitus	96 h
	Marine water		



Version Number 1.7 Revision Date 02/19/2025 Page 11 of 16 Print Date 02/22/2025

	Acute LC50 3 Mg/l Fresh water		Crustaceans - Ceriodaphnia dubia	48 h
	Acute LC50 6.5 Mg/l Fresh		Daphnia - Daphnia pulex	48 h
	water			
MC-71681PP POST WHITE W				
Remarks - Acute - Aquatic invertebrates.:	Chemicals	s are not readily available	e as they are bound within the po	lymer matrix.
Conclusion/Summary	:	Chemicals are not read polymer matrix.	ly available as they are bound wi	thin the
Persistence and degradability				
Conclusion/Summary	:	Chemicals are not read polymer matrix.	ily available as they are bound w	ithin the
Conclusion/Summary	:	Chemicals are not read polymer matrix.	ily available as they are bound w	ithin the
<u>Bioaccumulative potential</u> Not available.				
Mobility in soil				
Soil/water partition coefficie (KOC)	nt :	Not available.		
Other adverse effects	:	No known significant o	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 at all times 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
------------------	---	--



Version Number 1.7 Revision Date 02/19/2025 Page 12 of 16 Print Date 02/22/2025

product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

United States - RCRA Acute hazardous waste "P" List: Not listed

United States - RCRA Toxic hazardous waste "U" List: Not listed

Section 14. Transport information

U.S.DOT 49CFR Ground/Air/Water	:	Not regulated for transportation.
International Air ICAO/IATA	:	Not classified as dangerous goods under transport regulations.
International Water IMO/IMDG	:	Not classified as dangerous goods under transport regulations.

Section 15. Regulatory information



Version Number 1.7	Page 13 of 16
Revision Date 02/19/2025	Print Date 02/22/2025

United States - EPA Clean water act (CWA) section 307 - Priority pollutants: Listed Zinc stearate

United States - EPA Clean water act (CWA) section 311 -Hazardous substances: Not listed United States - EPA Clean air act (CAA) section 112 - Accidental release prevention - Flammable substances: Not listed United States - EPA Clean air act (CAA) section 112 - Accidental release prevention - Toxic substances: Not listed United States - Department of commerce - Precursor chemical: Not listed

Clean Air Act Section 112(b) Hazardous Air Pollutants (HAPs)	:	Not listed
Clean Air Act Section 602 Class I	:	Not listed
Substances		
Clean Air Act Section 602 Class II	:	Not listed
Substances		
DEA List I Chemicals (Precursor	:	Not listed
Chemicals)		
DEA List II Chemicals (Essential	:	Not listed
Chemicals)		

US. EPA CERCLA Hazardous Substances (40 CFR 302)

not applicable

SARA 311/312

Classification

Not applicable.

:

Composition/information on ingredients

No products were found.

Name	%	Classification
Titanium oxide (TiO2)	>= 25 - <= 50	CARCINOGENICITY - Category 2
Quartz (SiO2)	> 0 - <= 0.3	CARCINOGENICITY - inhalation - Category 1A SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 1

<u>SARA 313</u>

Form R - Reporting requirements



Version Number 1.7 Revision Date 02/19/2025 Page 14 of 16 Print Date 02/22/2025

Product name	CAS number	%
Zinc stearate	557-05-1	>= 1 - < 5

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: Titanium dioxide Calcium carbonate Zinc stearate
New York	:	None of the components are listed.
New Jersey	:	The following components are listed: Titanium dioxide Calcium carbonate Zinc stearate Quartz
Pennsylvania	:	The following components are listed: Titanium dioxide
		Calcium carbonate
		Zinc stearate

California Prop. 65

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

Ingredient name	No significant risk level	Maximum acceptable dosage level
Titanium dioxide	-	-
Quartz	-	-

United States inventory (TSCA 8b)	:	All components are active or exempted.
Canada inventory	:	At least one component is not listed in DSL but all such components are listed in NDSL.
International regulations Inventory list		
Australia	:	Not determined.
14/16		



Version Number 1.7 Revision Date 02/19/2025 Page 15 of 16 Print Date 02/22/2025

Canada :	At least one component is not listed in DSL but all such components are listed in NDSL.
China :	All components are listed or exempted.
Eurasian Economic Union :	Russian Federation inventory: Not determined.
Japan :	Japan inventory (CSCL): All components are listed or exempted.
	Japan inventory (ISHL): Not determined.
New Zealand :	All components are listed or exempted.
Philippines :	Not determined.
Republic of Korea :	Not determined.
Taiwan :	All components are listed or exempted.
Thailand :	Not determined.
Turkey :	Not determined.
United States :	All components are active or exempted.
Viet Nam :	Not determined.

Section 16. Other information

Hazardous Material Information System (U.S.A.)

Health	/	0
Flammability		0
Physical hazards		0

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings and the associated label are not required on SDSs or products leaving a facility under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered trademark and service mark of the American Coatings Association, Inc.

The customer is responsible for determining the PPE code for this material. For more information on HMIS® Personal Protective Equipment (PPE) codes, consult the HMIS® Implementation Manual. History

Date of printing	:	02/22/2025
Date of issue/Date of revision	:	02/19/2025
Date of previous issue	:	01/16/2025
Version	:	1.7
Key to abbreviations	:	ATE = Acute Toxicity Estimate
·		BCF = Bioconcentration Factor
		GHS = Globally Harmonized System of Classification and Labelling of
		Chemicals
		IATA = International Air Transport Association
		IBC = Intermediate Bulk Container
		IMDG = International Maritime Dangerous Goods
		LogPow = logarithm of the octanol/water partition coefficient
		MARPOL = International Convention for the Prevention of Pollution From
		Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine
		15/16



Version Number 1.7 Revision Date 02/19/2025 Page 16 of 16 Print Date 02/22/2025

pollution) UN = United Nations Not available.

References

Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the abovenamed 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. Particularly this information may not be valid for such material used in conjunction with any other materials or in any process, unless specified in the text.