MC-87002PP CEMENT GRAY 1%

Version Number 1.1 Revision Date 05/15/2019

Page 1 of 16 Print Date 05/16/2019

SAFETY DATA SHEET

MC-87002PP CEMENT GRAY 1%

	•	
Section 1. Identificat	ion	
GHS product identifier	:	MC-87002PP CEMENT GRAY 1%
Chemical name	:	Mixture
CAS number	:	Mixture
Other means of identification	:	CC01066380
Product type	:	solid
Delement identified more of the sur	h	an minteres and more admined a sain of
		or mixture and uses advised against
Product use	:	Industrial applications. Plastics.
Supplier's details	:	Mesa Industries
		230 N 48th Avenue Phoenix, AZ 85043
		(602) 269-3199
Emergency telephone number (with hours of operation)	:	CHEMTREC 1-800-424-9300 (24hrs for spill, leak, fire, exposure or accident).

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



MC-87002PP CEMENT GRAY 1%

Version Number 1.1 Revision Date 05/15/2019 Page 2 of 16 Print Date 05/16/2019

Signal word	:	No signal word.
Hazard statements	:	No known significant effects or critical hazards.
Precautionary statements		
General	:	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.

Section 3. Composition/information on ingredients

Substance/mixture	:	Mixture
Chemical name	:	Mixture
Other means of identification	:	CC01066380

CAS number/other identifiers

Ingredient name	%	CAS number
Titanium dioxide	25 - 50	13463-67-7
Carbon black	0.3 - 1	1333-86-4

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



MC-87002PP CEMENT GRAY 1%

Version Number 1.1	Page 3 of 16
Revision Date 05/15/2019	Print Date 05/16/2019

	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
	for breathing. Get medical attention if symptoms occur.
Skin contact	: Flush contaminated skin with plenty of water. Remove contaminated
	clothing and shoes. Get medical attention if symptoms occur.
Ingestion	: Wash out mouth with water. Remove victim to fresh air and keep at
	rest in a position comfortable for breathing. 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

Eve 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
)		
Dver-exposure signs/symptoms Eve contact	:	No specific data.
Eye contact Inhalation	:	No specific data. No specific data.

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

:

Notes to physician Specific treatments	:	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. No specific treatment.
Protection of first-aiders	:	No action shall be taken involving any personal risk or without suitable training.

No specific data.

See toxicological information (Section 11)

Section 5. Firefighting measures

Extinguishing media

Ingestion

Suitable extinguishing media : In

In case of fire, use water spray (fog), foam, dry chemical or CO₂.



MC-87002PP CEMENT GRAY 1%

Version Number 1.1 Revision Date 05/15/2019

Page 4 of 16 Print Date 05/16/2019

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 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 For emergency responders	:	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. 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 containme	nt ar	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.

MC-87002PP CEMENT GRAY 1%

Version Number 1.1 Revision Date 05/15/2019



Page 5 of 16 Print Date 05/16/2019

Section 7. Handling and storage

Precautions for safe handling

Protective measures Advice on general occupational hygiene	:	Put on appropriate personal protective equipment (see Section 8). 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
Carbon black	OSHA PEL 1989 (1989-03-01) TWA 3.5 mg/m3 OSHA PEL (1993-06-30) TWA 3.5 mg/m3 NIOSH REL (1994-06-01) TWA 3.5 mg/m3 TWA 0.1 mgPAH/m ³ ACGIH TLV (2010-12-06) TWA 3 mg/m3 Form: Inhalable fraction
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 ACGIH TLV (1996-05-18)

MC-87002PP CEMENT GRAY 1%

Version Number 1.1 Revision Date 05/15/2019

Page 6 of 16 Print Date 05/16/2019

		TWA 10 mg/m3
Appropriate engineering controls Environmental exposure controls	:	Good general ventilation should be sufficient to control worker exposure to airborne contaminants. 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 Eye/face protection	:	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. 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



MC-87002PP CEMENT GRAY 1%

Version Number 1.1 Revision Date 05/15/2019

Physical state	:	solid [Pellets.]
Color	:	GREY
Odor	:	Faint odor.
Odor threshold	:	Not available.
рН	:	Not available.
Melting point	:	Not available.
Boiling point	:	Not available.
Flash point	:	Not available.
Burning time	:	Not available.
Burning rate	:	Not available.
Evaporation rate	:	Not available.
Flammability (solid, gas)	:	Not available.
Lower and upper explosive	:	Lower: Not available.
(flammable) limits		Upper: Not available.
Vapor pressure	:	Not available.
Vapor density	:	Not available.
Relative density	:	Not available.
Solubility	:	Not available.
Solubility in water	:	insoluble in water.
Partition coefficient: n-	:	Not available.
octanol/water		
	:	Not available.
Auto-ignition temperature		
Auto-ignition temperature Decomposition temperature	:	Not available.
	:	Not available. Not available. Dynamic: Not available.

Kinematic: Not available.

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

MC-87002PP CEMENT GRAY 1%

Version Number 1.1 Revision Date 05/15/2019

Page 8 of 16 Print Date 05/16/2019

This mixture has not been evaluated as a whole for health effects. Exposure effects listed are based on existing health data for the individual components which comprise the mixture.

Information on toxicological effects

Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure	
Titanium dioxide					
Remarks - Oral:	No applicable toxic	No applicable toxicity data			
	LC50 Inhalation	Rat - Male	6.82 Mg/l	4 h	
	LD50 Dermal	Rabbit	> 5,000 mg/kg	-	
Carbon black					
	LD50 Oral	Rat	15,400 mg/kg	-	
Remarks - Inhalation:	No applicable toxicity data				
Remarks - Dermal:	No applicable toxicity data				
Conclusion/Summary	: Mixture.Not fully tested.				

Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
Titanium dioxide	Skin - Mild	Human		72 hrs	-
	irritant				
Conclusion/Summary					
Skin	: N	lixture.Not full	y tested.		
Eyes		lixture.Not full	•		
Respiratory	: N	lixture.Not full	y tested.		
Sensitization					
Conclusion/Summary					
Skin	: N	lixture.Not full	y tested.		
Respiratory	: N	lixture.Not full	y tested.		
Mutagenicity					
Conclusion/Summary	: N	lixture.Not full	y tested.		
Carcinogenicity					
Conclusion/Summary	: N	lixture.Not full	y tested.		
<u>Classification</u>			-		
Product/ingredient	OSHA	IARC	NTP		
name					



MC-87002PP CEMENT GRAY 1%

Version Number 1.1 Revision Date 05/15/2019

Page 9 of 16 Print Date 05/16/2019

Titanium dioxide		2B	
Carbon black		2B 2B	
Carbon black		2 B	
<u>Reproductive toxicity</u>			
Conclusion/Summary	: M	ixture.Not fully t	ested.
·		2	
Teratogenicity			
Conclusion/Summary	: M	ixture.Not fully t	ested.
Specific target organ toxicity Not available.	<u>(single exposu</u>	<u>re)</u>	
<u>Specific target organ toxicity</u> Not available.	<u>(repeated exp</u>	<u>osure)</u>	
Aspiration hazard Not available.			
Information on likely routes of exposure	of : N	ot available.	
Potential acute health effects			
Eye contact	: N	o known signific	ant effects or critical hazards.
Inhalation			ant effects or critical hazards.
Skin contact			ant effects or critical hazards.
Ingestion			ant effects or critical hazards.
Symptoms related to the phys	sical, chemical	and toxicologica	l characteristics
<u> </u>	ł.		
Eye contact	: No	o specific data.	
Inhalation	: No	o specific data.	
Skin contact	: No	o specific data.	
Ingestion	: No	o specific data.	
Delayed and immediate effect	ts as well as chi	onic effects from	n short and long-term exposure
Short term exposure			
Potential immediate effects Potential delayed effects		ot available. ot available.	
Long term exposure			

MC-87002PP CEMENT GRAY 1%

Version Number 1.1 Revision Date 05/15/2019



Page 10 of 16

Print Date 05/16/2019

Mixture.Not fully tested.
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.
No known significant effects or critical hazards.
No known significant effects or critical hazards.

Numerical measures of toxicity

Acute toxicity estimates

Not available.

Section 12. Ecological information

Toxicity

Product/ingredient name	Result	Species	Exposure
Titanium dioxide			
	Acute LC50 > 1,000 Mg/l Marine	Fish - Fish	96 h
	water		
Remarks - Acute - Fish:	Acute		
	Acute LC50 3 Mg/l Fresh water	Aquatic invertebrates.	48 h
		Crustaceans	
Remarks - Acute - Aquatic	Acute		
invertebrates.:			
	Acute LC50 6.5 Mg/l Fresh water	Aquatic invertebrates.	48 h
		Daphnia	
Remarks - Acute - Aquatic	Acute		
invertebrates.:			
Remarks - Acute - Aquatic	No applicable toxicity data		
plants:			
	No applicable toxicity data		
Remarks - Chronic - Fish:	ito applicació tollicity cata		



MC-87002PP CEMENT GRAY 1%

Version Number 1.1 Revision Date 05/15/2019 Page 11 of 16 Print Date 05/16/2019

Aquatic invertebrates.:				
Carbon black				
Remarks - Acute - Fish:	No applical	ble toxicity data		
	Acute EC5	0 37.563 Mg/l Fresh	Aquatic invertebrates.	48 h
	water		Daphnia	
Remarks - Acute - Aquatic	Acute			
invertebrates.:				
Remarks - Acute - Aquatic	No applical	ble toxicity data		
plants:				
Remarks - Chronic - Fish:	<u></u>	ble toxicity data		
Remarks - Chronic -	No applical	ble toxicity data		
Aquatic invertebrates.:				
MC-87002PP CEMENT GRA	Y 1%			
Remarks - Acute - Aquatic	Chemicals	are not readily available	as they are bound within the	e polymer matrix.
invertebrates.:				
Conclusion/Summary	:		lily available as they are bou	nd within the
		polymer matrix.		
Persistence and degradability	7			
				1
Conclusion/Summary	:		lily available as they are bou	nd within the
		polymer matrix.		
Bioaccumulative potential				
Not available.				
<u>Mobility in soil</u>				
Soil/water partition coefficie	ent :	Not available.		
(KOC)				
Other adverse effects	:	No known significant of	effects or critical hazards.	

Section 13. Disposal considerations

Disposal methods :

MC-87002PP CEMENT GRAY 1%

Version Number 1.1 Revision Date 05/15/2019 Page 12 of 16 Print Date 05/16/2019

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.

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

U.S. Federal regulations	 United States - TSCA 12(b) - Chemical export no of the components are listed. United States - TSCA 4(a) - Final Test Rules: No United States - TSCA 4(a) - ITC Priority list: No United States - TSCA 4(a) - Proposed test rules: United States - TSCA 4(f) - Priority risk review: United States - TSCA 4(f) - Priority risk review: United States - TSCA 5(a)2 - Final significant new listed United States - TSCA 5(a)2 - Proposed significant Not listed United States - TSCA 5(e) - Substances consent o United States - TSCA 6 - Final risk management: United States - TSCA 6 - Proposed risk management United States - TSCA 8(a) - Chemical risk rules: United States - TSCA 8(a) - Chemical Data Repo determined United States - TSCA 8(a) - Preliminary assessment 	tt listed Not listed Not listed w use rules: Not t new use rules: rder: Not listed ent: Not listed Not listed sor: Not listed rting (CDR): Not



MC-87002PP CEMENT GRAY 1%

Version Number 1.1	Page 13 of 16
Revision Date 05/15/2019	Print Date 05/16/2019

		 (PAIR): Not listed United States - TSCA 8(c) - Significant adverse reaction (SAR): Not listed United States - TSCA 8(d) - Health and safety studies: Not listed 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 - Flammable 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 Substances	:	Not listed
Clean Air Act Section 602 Class II	:	Not listed
Substances DEA List I Chemicals (Precursor Chemicals)	:	Not listed
DEA List II Chemicals (Essential Chemicals)	:	Not listed

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 dioxide	>= 25 - <= 50	CARCINOGENICITY - Category 2
Carbon black	>= 0.3 - <= 1	CARCINOGENICITY - Category 2

SARA 313



MC-87002PP CEMENT GRAY 1%

Version Number 1.1 Revision Date 05/15/2019

Page 14 of 16 Print Date 05/16/2019

	Product name	CAS number	%
Form R - Reporting	Zinc stearate	557-05-1	1 - 3
requirements			
Supplier notification	Zinc stearate	557-05-1	1 - 3

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

California Prop. 65

WARNING: This product can expose you to chemicals including Quartz, Carbon black, 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	No.	No.
Carbon black	No.	No.
Quartz	No.	No.

United States inventory (TSCA 8b)	:	All components are listed or exempted.
Canada inventory	:	At least one component is not listed in DSL but all such components are listed in NDSL.

14/16

MC-87002PP CEMENT GRAY 1%

Version Number 1.1 Revision Date 05/15/2019



Page 15 of 16 Print Date 05/16/2019

International regulations

Inventory list

Australia	: All components are listed or exempted.
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.
Europe inventory	: All components are listed or exempted.
Japan	: Not determined.
New Zealand	: All components are listed or exempted.
Philippines	: All components are listed or exempted.
Republic of Korea	: All components are listed or exempted.
Taiwan	: All components are listed or exempted.
Turkey	: Not determined.
United States	All components are listed or exempted.

Section 16. Other information

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



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

HIStory		
Date of printing	:	05/16/2019
Date of issue/Date of revision	:	05/15/2019
Date of previous issue	:	01/04/2019
Version	:	1.1
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



MC-87002PP CEMENT GRAY 1%

Version Number 1.1 Revision Date 05/15/2019

Page 16 of 16 Print Date 05/16/2019

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 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.