MATERIAL SAFETY DATA SHEET STAN-TONE MB-23021 PLATINUM

Version Number 1.1 Revision Date 01/25/2005

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1. PRODUCT AND COMPANY IDENTIFICATION

POLYONE CORPORATION 8155 Cobb Center Drive, Kennesaw, GA 30152

Telephone Emergency telephone number	:	Product Stewardship (770) 590-3500 x.3563 CHEMTREC 1-800-424-9300 (24hrs for spill, leak, fire, exposure or accident).
Product name	:	STAN-TONE MB-23021 PLATINUM
Product code	:	FO20008786
Chemical Name	:	Mixture
CAS-No.	:	Mixture
Product Use	:	Industrial Applications

2. COMPOSITION/INFORMATION ON REGULATED INGREDIENTS

Components	CAS-No.	Weight %
Kaolin	1332-58-7	5 - 10
Titanium dioxide	13463-67-7	30 - 60

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

This mixture has not been evaluated as a whole for health effects. Information provided on health effects of this product is based on the individual components. However, some vapors or contaminants 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. See sections 8 and 11 for special precautions.

POTENTIAL HEALTH EFFECTS

Routes of Exposure:	: Inhalation, Skin contact, Ingestion
Acute exposure	
Inhalation	: Inhalation of airborne droplets may cause irritation of the respiratory tract.
Ingestion	: May be harmful if swallowed.
Eyes	: May cause eye/skin irritation.
Skin	: Experience shows no unusual dermatitis hazard from routine handling.
Chronic exposure	: Refer to Section 11 for Toxicological Information.
Medical Conditions Aggravated by Exposure:	: None known.

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	4. FIRST AID MEASURES
Inhalation	: Move to fresh air in case of accidental inhalation of fumes from overheating or combustion. When symptoms persist or in all cases of doubt seek medical advice.
Ingestion	: Do not induce vomiting without medical advice. Seek medical attention if necessary.
Eyes	: Rinse immediately with plenty of water for at least 15 minutes. If eye irritation persists, seek medical attention.
Skin	: Wash off with soap and plenty of water. If skin irritation persists see medical attention.
	5. FIRE-FIGHTING MEASURES
Flash point	: No data available
Flammable Limits Upper explosion limit Lower explosion limit Autoignition temperature Suitable extinguishing media	 No data available No data available Not applicable Carbon dioxide blanket, water spray, dry powder, foam.
Special Fire Fighting Procedures Unusual Fire/Explosion Hazards	 Fullface self-contained breathing apparatus (SCBA) used in positive pressure mode should be worn to prevent inhalation of airborne contaminants. Carbon dioxide (CO2), carbon monoxide (CO), oxides of nitrogen (NOx), other hazardous materials, and smoke are all possible.
	6. ACCIDENTAL RELEASE MEASURES
Personal precautions	: Wear appropriate personal protection during cleanup, such as impervious gloves, boots and coveralls.
Environmental precautions	: The product should not be allowed to enter drains, water courses or the soil. Should not be released into the environment.
Methods for cleaning up	: Soak up with inert absorbent material (e.g. sand, silica gel, acid binder universal binder, sawdust). Package all material in appropriate container for disposal. Refer to Section 13 of this MSDS for proper disposal methods.
	7. HANDLING AND STORAGE
Handling	: Heat only in areas with appropriate exhaust ventilation. Prolonged heating may result in product degradation.

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		Leep containers dry and tightly nd contamination. Store in a c		e absorption
8. E	EXPOSURE	CONTROLS / PERSONAL	PROTECTION	
Respiratory protection	: U	Under normal handling condition	ons a respirator may not b	be required.
Eye/Face Protection	: S	afety glasses with side-shields		
Hand protection	: P	rotective gloves.		
Skin and body protection	: L	ong sleeved clothing.		
Additional Protective Measures	: S	afety shoes.		
General Hygiene Considerations		Iandle in accordance with good Vash hands before breaks and a		afety practice.
Engineering measures	: H	Last only in grass with annronr	• • • • • • • •	
		ppropriate exhaust ventilation	iate exhaust ventilation. at machinery.	Provide
				Provide
Exposure limit(s)		ppropriate exhaust ventilation	at machinery.	Provide List:
	aj			
Exposure limit(s) Components	aj Value	ppropriate exhaust ventilation Exposure time	at machinery. Exposure type	List:
Exposure limit(s) Components	ay Value 5 mg/m3	ppropriate exhaust ventilation Exposure time PEL:	at machinery. Exposure type Respirable fraction.	List: OSHA Z1
Exposure limit(s) Components	ay Value 5 mg/m3 15 mg/m3	Exposure time PEL: PEL: Time Weighted Average (TWA): Time Weighted Average	at machinery. Exposure type Respirable fraction. Total dust.	List: OSHA Z1 OSHA Z1
Exposure limit(s) Components Kaolin	ay Value 5 mg/m3 15 mg/m3 2 mg/m3	Exposure time PEL: PEL: Time Weighted Average (TWA):	at machinery. Exposure type Respirable fraction. Total dust.	List: OSHA Z1 OSHA Z1 ACGIH
Exposure limit(s) Components Kaolin	ay Value 5 mg/m3 15 mg/m3 2 mg/m3 10 mg/m3 15 mg/m3	Exposure time PEL: PEL: Time Weighted Average (TWA): Time Weighted Average (TWA):	at machinery. Exposure type Respirable fraction. Total dust. Respirable fraction. Total dust.	List: OSHA Z1 OSHA Z1 ACGIH ACGIH

Color Odor Melting point/range Boiling Point: Water solubility

dispersion : WHITE Very faint : : Not applicable : Not applicable : Immiscible

Bulk density

Vapor pressure Vapour density pН

: Not applicable : Not determined

: Heavier than air.

: Not determined

10. STABILITY AND REACTIVITY

Stability

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: Stable.

: Will not occur.

Hazardous Polymerization

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Conditions to avoid	:	Keep away from oxidizing agents and open flame. To avoid thermal decomposition, do not overheat.
Incompatible Materials	:	Incompatible with strong acids and oxidizing agents.
Hazardous decomposition products	:	Carbon dioxide (CO2), carbon monoxide (CO), oxides of nitrogen (NOx), other hazardous materials, and smoke are all possible.

11. TOXICOLOGICAL INFORMATION

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.

Toxicity Overview

This product contains the following components which in their pure form have the following characteristics:

CAS-No.	Chemical Name	Effect	Target Organ
1332-58-7	Kaolin	Systemic effects	Respiratory system, digestive system.
13463-67-7	Titanium dioxide	Systemic effects	Respiratory system.

	12. ECOLOGICAL INFORMATION
Persistence and degradability	: Not readily biodegradable.
Environmental Toxicity	: Environmental toxicity has not been established for this mixture as a whole.
Bioaccumulation Potential	: No data available
Additional advice	: No data available
	13. DISPOSAL CONSIDERATIONS
Product	: Where possible recycling is preferred to disposal or incineration. The generator of waste material has the responsibility for proper waste classification, transportation and disposal in accordance with applicable federal, state/provincial and local regulations.
Contaminated packaging	: Recycling is preferred when possible. The generator of waste materia has the responsibility for proper waste classification, transportation and disposal in accordance with applicable federal, state/provincial and local regulations.
	14. TRANSPORT INFORMATION
U.S. DOT Classification	: Refer to specific regulation.

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ICAO/IATA (air)	:	Refer to specific regulation.
IMO / IMDG (maritime)	:	Refer to specific regulation.
	15	. REGULATORY INFORMATION
US Regulations:		
OSHA Status	:	Classified as hazardous based on components.
TSCA Status	:	All components of this product are listed on or exempt from the TSCA Inventory.
US. EPA CERCLA Hazardous	Sub	stances (40 CFR 302)
Not applicable		
California Proposition 65	:	This product does not contain a substance listed by California Prop 65.
SARA Title III Section 302 Ex Not applicable	trem	ely Hazardous Substance
	• •	31. 1
SARA Title III Section 313 To	XIC C	nemicals:
SARA Title III Section 313 To Not applicable Canadian Regulations:	XIC C	nemicais:
Not applicable		
Not applicable Canadian Regulations:		
Not applicable Canadian Regulations: National Pollutant Relea	ase Ir	nventory (NPRI)
Not applicable Canadian Regulations: National Pollutant Relea Not applicable	ase Ir	nventory (NPRI)
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Not applicable Canadian Regulations: National Pollutant Relea Not applicable WHMIS Classification DSL	ase Ir	nventory (NPRI) D2A All components of this product are on the Canadian Domestic
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Not applicable Canadian Regulations: National Pollutant Relea Not applicable WHMIS Classification DSL National Inventories: Australia AICS China IECS	ise Ii : : :	wentory (NPRI) D2A All components of this product are on the Canadian Domestic Substances List (DSL) or are exempt. Listed Listed



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Philippines PICCS

: Listed

16. OTHER INFORMATION

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 when used in combination with any other materials and/or in any particular process or processing conditions.