

MATERIAL SAFETY DATA SHEET YELLOW 123C

Version Number 1.0 Revision Date 06/22/2004

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1. PRODUCT AND COMPANY IDENTIFICATION

POLYONE CORPORATION 33587 Walker Road, Avon Lake, OH 44012

Telephone Emergency telephone number	:	Product Stewardship (770) 271-5902 CHEMTREC 1-800-424-9300 (24hrs for spill, leak, fire, exposure or accident).
Product name	:	YELLOW 123C
Product code	:	CC10055730
Chemical Name	:	Mixture
CAS-No.	:	Mixture
Product Use	:	Industrial Applications

2. COMPOSITION/INFORMATION ON REGULATED INGREDIENTS

Components	CAS-No.	Weight %
Titanium dioxide	13463-67-7	5 - 10

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

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.

POTENTIAL HEALTH EFFECTS

]	Routes of Exposure:	: Inhalation, Ingestion, Skin contact
1	Acute exposure	
	Inhalation Ingestion Eyes	 Resin particles, like other inert materials, can be mechanically irritating. May be harmful if swallowed. Resin particles, like other inert materials, are mechanically irritating to eves.
	Skin	: Experience shows no unusual dermatitis hazard from routine handling.
]	Chronic exposure Medical Conditions Aggravated by Exposure:	Refer to Section 11 for Toxicological Information.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 doubt seek medical advice.
Ingestion	: Do not induce vomiting without medical advice. When symptoms persist or in all cases of doubt seek medical advice.
Eyes	: Rinse immediately with plenty of water, also under the eyelids, for a least 15 minutes. If eye irritation persists, seek medical attention.
Skin	: Wash off with soap and plenty of water. If skin irritation persists se medical attention.
	5. FIRE-FIGHTING MEASURES
Flash point	: Not applicable
Flammable Limits	
Upper explosion limit	: Not applicable
sower explosion limit	: Not applicable
Autoignition temperature	: Not applicable
Suitable extinguishing media	: Carbon dioxide blanket, water spray, dry powder, foamnone.
Special Fire Fighting Procedures	: Fullface self-contained breathing apparatus (SCBA) used in positive pressure mode should be worn to prevent inhalation of airborne contaminants.
Unusual Fire/Explosion Hazards	: Carbon dioxide (CO2), carbon monoxide (CO), oxides of nitrogen (NOx), other hazardous materials, and smoke are all possible.
	5. ACCIDENTAL RELEASE MEASURES
Personal precautions	: Wear appropriate personal protection during cleanup, such as impervious gloves, boots and coveralls.
Environmental precautions	: Should not be released into the environment. The product should not be allowed to enter drains, water courses or the soil.
Methods for cleaning up	: Clean up promptly by sweeping or vacuum. Package all material in plastic, cardboard or metal containers for disposal. Refer to Section of this MSDS for proper disposal methods.
	7. HANDLING AND STORAGE
Handling	: Take measures to prevent the build up of electrostatic charge. Heat only in areas with appropriate exhaust ventilation.
Storage	: Keep containers dry and tightly closed to avoid moisture absorption



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8. E	XPOSURE	CONTROLS / PERSO	NAL	PROTECTION	
Respiratory protection	: N	No personal respiratory pr	otectiv	ve equipment normally	required.
Eye/Face Protection	: S	afety glasses with side-sl	nields.		
Hand protection	: P	Protective gloves.			
Skin and body protection	: L	ong sleeved clothing.			
Additional Protective Measures	: S	afety shoes.			
General Hygiene Considerations		Handle in accordance with Vash hands before breaks			safety practice.
Engineering measures		Heat only in areas with ap ppropriate exhaust ventil			Provide
Exposure limit(s)					
Components	Value	Exposure time		Exposure type	List:
Titanium dioxide	10 mg/m3	Time Weighted Avera	age		ACGIH
	15 mg/m3	(TWA): PEL:		Total dust.	OSHA Z1
	0				
	9. PHYSIC	CAL AND CHEMICAL	, PRO	PERTIES	
Form	: Solic	d E	Evapor	ration rate : No	t applicable
Appearance	: Pelle				t determined
Color					t established
Odor	•				t applicable
Melting point/range			/apou H		t applicable
Boiling Point:	•			: No	t applicable
Water solubility	. 111501	luble			
	10. 8	STABILITY AND REA	CTIV	ITY	
Stability	: S	table.			
Hazardous Polymerization	n : V	Vill not occur.			
Conditions to avoid		Keep away from oxidizing ecomposition, do not ove		-	avoid thermal
	_			and oxidizing agents.	



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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	
13463-67-7	Titanium dioxide	Systemic effects	Respiratory system.	
	12. ECOLOGIO	CAL INFORMATION	I	
Persistence and degrada	ability : Not readily b	iodegradable.		
Environmental Toxicity	Chemicals ar polymer matr		as they are bound within the	
Bioaccumulation Poten	tial : Chemicals ar polymer matr		as they are bound within the	
Additional advice	: No data avail	able		
	13. DISPOSAL	CONSIDERATIONS		
Product Contaminated packagin	possible recy generator of v classification applicable fea g : Recycling is p has the respo	 Like most thermoplastic plastics the product can be recycled. Wh 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. Recycling is preferred when possible. 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. 		
	14. TRANSPO	RT INFORMATION		
U.S. DOT Classificatio	n : Not regulated	l for transportation.		
ICAO/IATA (air)	: Refer to spec	ific regulation.		
IMO / IMDG (maritime	e) : Refer to spec	ific regulation.		
	15. REGULATO	ORY INFORMATION	1	



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Korea KECI : Listed	Philippines PICCS : Listed	Korea KECI	:	Listed
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	16. OTHER INFORMATION			16 OTHER INFORMATION



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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.