

MATERIAL SAFETY DATA SHEET

10065818 APOLLO SILVER

Version Number 1.0 Revision Date 03/14/2002 Page 1 of 6 Print Date 11/3/2011

1. PRODUCT AND COMPANY IDENTIFICATION

POLYONE CORPORATION 14330 Kinsman Road, Burton, OH 44021

NON-EMERGENCY TELEPHONE	:	Product Stewardship (440)-834-4644
Emergency telephone number	:	CHEMTREC 1-800-424-9300 (24hrs for spill, leak, fire, exposure or accident).
Product name	:	10065818 APOLLO SILVER
Product code	:	CC10012587
Chemical Name	:	Mixture
CAS-No.	:	Mixture
Product Use	:	Industrial Applications

2. COMPOSITION/INFORMATION ON HAZARDOUS INGREDIENTS

Components	CAS-No.	Weight %
Titanium dioxide	13463-67-7	1 - 5

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
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	: 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. When symptoms persist or in all cases of doubt seek medical advice.
Eyes	:	Rinse immediately with plenty of water, also under the eyelids, 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 seek medical attention.
		5. FIRE-FIGHTING MEASURES
Flash point	:	Not applicable
Flammable Limits Upper explosion limit Lower explosion limit Autoignition temperature Suitable extinguishing media Special Fire Fighting	::	Not applicable Not applicable Not relevant Water spray, dry powder, foam, carbon dioxide (CO2). Fullface self-contained breathing apparatus (SCBA) used in positive
Procedures Unusual Fire/Explosion Hazards	:	pressure mode should be worn to prevent inhalation of airborne contaminants. None
	6. A	CCIDENTAL 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 13 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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and contamination. Keep in a dry, cool place.				
8. EXPOSURE CONTROLS / PERSONAL PROTECTION				
Respiratory protection	:	No personal respiratory protective equipment normally required when handling the product itself. See "Engineering Measures" section below for precautions to be taken when heating or processing this material.		
Eye/Face Protection	:	Safety glasses with side-shields.		
Hand protection	:	Protective gloves.		
Skin and body protection	:	Long sleeved clothing.		
Additional Protective Measures	:	Safety shoes.		
General Hygiene Considerations	:	Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.		
Engineering measures	:	Heat only in areas with appropriate exhaust ventilation. Adequate ventilation and/or appropriate respiratory protection may also be necessary to minimize employee exposure to processing vapors.		
Exposure limit(s)				

Components	Value	Exposure time	Exposure type	List:
Titanium dioxide	10 mg/m3	Time Weighted Average	Dust.	ACGIH
		(TWA):		
Titanium dioxide	15 mg/m3	PEL:	Total dust.	OSHA Z1

9	D. PHYSICAL AND CHEMIC	AL PROPERTIES		
Form Appearance Color Odor Melting point/range Boiling Point: Water solubility	 Solid Pellets, slabs, sheets GREY Characteristic rubber odor Not determined Not applicable Insoluble 	Evaporation rate Specific Gravity Bulk density Vapor pressure Vapor density pH	 Not applicable. Not determined Not established Not applicable Not applicable Not applicable 	
10. STABILITY AND REACTIVITY				
Stability	: Stable.			
Hazardous Polymerization	: Will not occur.			
			lame. To avoid thermal	



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Hazardous decomposition products : Carbon dioxide (CO2), carbon monoxide (CO), oxides of nit (NOx), other hazardous materials, and smoke are all possible II. TOXICOLOGICAL INFORMATION This mixture has not been evaluated as a whole for health effects. Exposure effects listed are base 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 chara CAS-No. Chemical Name Effect Target Organ 13463-67-7 Titanium dioxide Systemic effects Respiratory system. II. ECOLOGICAL INFORMATION Persistence and degradability : Not readily biodegradable. Environmental Toxicity : Chemicals are not readily available as they are bound within the of the polymer. Bioaccumulation Potential : Chemicals are not readily available as they are bound within the of the polymer. Additional advice : Not applicable II. DISPOSAL CONSIDERATIONS : Where possible, recycling is preferred to disposal or incinerat generator of waste material has the responsibility for proper vast classification, transportation and disposal in accordance with applicable federal, state/prov and local regulations. Contaminated packaging : Recycling is preferred when possible. The generator of waste has the responsibility for proper wast classification, transport					
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U.S. DOT Classification : Refer to specific regulation					
ICAO/IATA : Refer to specific regulation.					
IMO / IMDG : Refer to specific regulation.					



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	15	S. REGULATORY INFORMATION
US Regulations:		
OSHA Status	:	Classified as hazardous based on components.
TSCA Status	:	The TSCA status of this product is currently under review.
US. EPA CERCLA Hazardous	Subs	stances (40 CFR 302)
Not applicable		
California Proposition 65	:	This product does not contain a substance listed by California Prop 65.
Canadian Regulations: WHMIS Classification	:	D2B
DSL	:	DSL status has not been determined. Quantity use in Canada may be restricted by regulations.
National Inventories:		
Australia AICS	:	Not determined.
China IECS	:	Not determined.
Europe EINECS	:	Not determined.
Japan ENCS	:	Not determined.
Korea KECI	:	Listed.
Philippines PICCS	:	Listed.
1		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 used in combination with any other materials or in any process, unless specified in the text.



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