

POLYONE CORPORATION**MATERIAL SAFETY DATA SHEET****SILVER PET**Version Number 1.0
Revision Date 09/30/2009Page 1 of 7
Print Date 1/9/2012**1. PRODUCT AND COMPANY IDENTIFICATION****POLYONE CORPORATION**

Telephone :
Emergency telephone : **CHEMTREC 1-800-424-9300 (24hrs for spill, leak, fire, exposure or accident).**

Product name : SILVER PET
Product code : CC10125479
Chemical Name : Mixture
CAS-No. : Mixture
Product Use :

2. COMPOSITION/INFORMATION ON REGULATED INGREDIENTS

Components	CAS-No.	Weight percent
Aluminum	7429-90-5	1 - 5
Mica	12001-26-2	10 - 30
Titanium dioxide	13463-67-7	10 - 30

3. HAZARDS IDENTIFICATION**EMERGENCY OVERVIEW****POTENTIAL HEALTH EFFECTS**

Routes of Exposure: :

Acute exposure

Inhalation :
Ingestion :
Eyes :
Skin :

Chronic exposure : Refer to Section 11 for Toxicological Information.

Medical Conditions :
Aggravated by Exposure:

4. FIRST AID MEASURES

Inhalation :

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Ingestion :
Eyes :
Skin :

5. FIRE-FIGHTING MEASURES

Flash point :
Flammable Limits
 Upper explosion limit :
 Lower explosion limit :
Autoignition temperature :
Suitable extinguishing media :
Special Fire Fighting :
Procedures
Unusual Fire/Explosion :
Hazards

6. ACCIDENTAL RELEASE MEASURES

Personal precautions :
Environmental precautions :
Methods for cleaning up :

7. HANDLING AND STORAGE

Handling :
Storage :

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory protection :
Eye/Face Protection :
Hand protection :
Skin and body protection :
Additional Protective :
Measures



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General Hygiene :
Considerations

Engineering measures :

Exposure limit(s)

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Components	Value	Exposure time	Exposure type	List:	
Aluminum	1 mg/m3	Time Weighted Average (TWA):	Respirable fraction.	ACGIH	
	10 mg/m3	Recommended exposure limit (REL):	Total	NIOSH	
	5 mg/m3	Recommended exposure limit (REL):	Respirable.	NIOSH	
	5 mg/m3	Recommended exposure limit (REL):	Welding fume or pyrophoric powder. as Al	NIOSH	
	15 mg/m3	PEL:	Total dust. as Al	OSHA Z1	
	5 mg/m3	PEL:	Respirable dust. as Al	OSHA Z1	
	15 mg/m3	Time Weighted Average (TWA):	Total dust. as Al	OSHA Z1A	
	5 mg/m3	Time Weighted Average (TWA):	Respirable dust. as Al	OSHA Z1A	
	5 mg/m3	Time Weighted Average (TWA):	Pyrophoric powder. as Al	OSHA Z1A	
	5 mg/m3	Time Weighted Average (TWA):	Fume. as Al	OSHA Z1A	
	5 mg/m3	Time Weighted Average (TWA):	Welding fume.	MX OEL	
	10 mg/m3	Time Weighted Average (TWA):	Dust.	MX OEL	
	5 mg/m3	Time Weighted Average (TWA):	Pyrophoric powder.	MX OEL	
	Mica	3 mg/m3	Time Weighted Average (TWA):	Respirable fraction.	ACGIH
		3 mg/m3	Recommended exposure limit (REL):	Respirable.	NIOSH
3 mg/m3		Time Weighted Average (TWA):	Respirable dust.	OSHA Z1A	
3 mg/m3		Time Weighted Average (TWA):		MX OEL	
Titanium dioxide	10 mg/m3	Time Weighted Average (TWA):		ACGIH	
	15 mg/m3	PEL:	Total dust.	OSHA Z1	
	10 mg/m3	Time Weighted Average (TWA):	Total dust.	OSHA Z1A	
	10 mg/m3	Time Weighted Average (TWA):	as Ti	MX OEL	
	20 mg/m3	Short Term Exposure Limit (STEL):	as Ti	MX OEL	

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	:	Evaporation rate	:
Appearance	:	Specific Gravity	:
Colour	: GREY	Bulk density	:

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Odour	:	Vapour pressure	:
Melting point/range	:	Vapour density	:
Boiling Point:	:	pH	:
Water solubility	:		

10. STABILITY AND REACTIVITY

Stability	:
Hazardous Polymerization	:
Conditions to avoid	:
Incompatible Materials	:
Hazardous decomposition products	:

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
7429-90-5	Aluminum	Irritant	Skin, Respiratory system.
		Systemic effects	Eyes, Skin, Respiratory system.
12001-26-2	Mica	Systemic effects	Respiratory system.
13463-67-7	Titanium dioxide	Systemic effects	Respiratory system.

Carcinogenicity

This product contains the following components which, in their pure form, have the following carcinogenicity data:

CAS-No.	Chemical Name	OSHA	IARC	NTP
13463-67-7	Titanium dioxide	no	2B	no

IARC Carcinogen Classifications:

- 1 - The component is carcinogenic to humans.
- 2A - The component is probably carcinogenic to humans.
- 2B - The component is possibly carcinogenic to humans.

NTP Carcinogen Classifications:

- 1 - The component is known to be a human carcinogen.
- 2 - The component is reasonably anticipated to be a human carcinogen.

12. ECOLOGICAL INFORMATION



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Persistence and degradability :
Environmental Toxicity :
Bioaccumulation Potential :
Additional advice :

13. DISPOSAL CONSIDERATIONS

Product :
Contaminated packaging :

14. TRANSPORT INFORMATION

U.S. DOT Classification :
ICAO/IATA :
IMO / IMDG (maritime) :

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 Substances (40 CFR 302)

not applicable

California Proposition : Not applicable
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SARA Title III Section 302 Extremely Hazardous Substance

Unless specific chemicals are identified under this section, this product is Not Applicable under this regulation

SARA Title III Section 313 Toxic Chemicals:

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Unless specific chemicals are identified under this section, this product is Not Applicable under this regulation

Chemical Name	CAS-No.	Weight percent
ALUMINUM (FUME OR DUST)	7429-90-5	1.00 - 5.00

Canadian Regulations:

National Pollutant Release Inventory (NPRI)

Chemical Name	CAS-No.	Weight percent	NPRI ID#
Aluminum	7429-90-5	1.00 - 5.00	

WHMIS Classification : D2A

WHMIS Ingredient Disclosure List

CAS-No.
7429-90-5
12001-26-2

DSL : All components of this product are on the Canadian Domestic Substances List (DSL) or are exempt.

National Inventories:

Australia AICS : Not determined
China IECS : Listed
Europe EINECS : Listed
Japan ENCS : Not determined
Korea KECI : Listed
Philippines PICCS : Not determined

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.