MATERIAL SAFETY DATA SHEET **SALSA RED METALLIC**

Version Number 1.1 Revision Date 08/13/2007

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1. PRODUCT AND COMPANY IDENTIFICATION

POLYONE CORPORATION 33587 Walker Road, Avon Lake, OH 44012

Telephone:Emergency telephone:	Product Stewardship (770) 271-5902 CHEMTREC 1-800-424-9300 (24hrs for spill, leak, fire, exposure or accident).
Product name :	SALSA RED METALLIC
Product code :	CC10096563
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	0.1 - 1
Aluminum	7429-90-5	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
Skin	eyes.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 doubt seek medical advice.	; of
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 least 15 minutes. If eye irritation persists, seek medical attention.	at
Skin	: Wash off with soap and plenty of water. If skin irritation persists s medical attention.	eek
	5. FIRE-FIGHTING MEASURES	
Flash point	: Not applicable	
Flammable Limits		
Upper explosion limit	: Not applicable	
Lower explosion limit	: Not applicable	
Autoignition temperature	: Not applicable	
Suitable extinguishing media	: Carbon dioxide blanket, Water spray, Dry powder, Foam.	
Special Fire Fighting Procedures	: Fullface self-contained breathing apparatus (SCBA) used in positive pressure mode should be worn to prevent inhalation of airborne contaminants.	/e
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.	ıot
Methods for cleaning up	: Clean up promptly by sweeping or vacuum. Package all material i 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.	t
Storage	: Keep containers dry and tightly closed to avoid moisture absorptio	n

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	а	and contamination. Keep in a c	lry, cool place.			
8. H	EXPOSURE	CONTROLS / PERSONAL	PROTECTION			
Respiratory protection : No personal respiratory protective equipment normally required.						
Eye/Face Protection	: 5	Safety glasses with side-shields				
Hand protection	: F	Protective gloves				
Skin and body protection	: I	long sleeved clothing				
Additional Protective Measures	: \$	Safety shoes				
General Hygiene:Handle in accordance with good industrial hygiene and safety practice.ConsiderationsWash hands before breaks and at the end of workday.						
Engineering measures		Heat only in areas with appropript appropriate exhaust ventilation		Provide		
Exposure limit(s)						
Components	Value	Exposure time	Exposure type	List:		
Components Aluminum	Value 10 mg/m3	Exposure time Time Weighted Average (TWA):	Exposure type Dust.	List: ACGIH		
÷		Time Weighted Average	1 11			
-	10 mg/m3	Time Weighted Average (TWA): Time Weighted Average	Dust. Pyrophoric powder. as	ACGIH		
-	10 mg/m3 5 mg/m3	Time Weighted Average (TWA): Time Weighted Average (TWA):	Dust. Pyrophoric powder. as Al	ACGIH ACGIH		
÷	10 mg/m3 5 mg/m3 15 mg/m3	Time Weighted Average (TWA): Time Weighted Average (TWA): PEL:	Dust. Pyrophoric powder. as Al Total dust. as Al	ACGIH ACGIH OSHA Z1		

Components	Value	Exposure time	Exposure type
Aluminum	10 mg/m3	Time Weighted Average	Dust.
	-	(TWA):	
	5 mg/m3	Time Weighted Average	Pyrophoric powder. a
		(TWA):	Al
	15 mg/m3	PEL:	Total dust. as Al
	5 mg/m3	PEL:	Respirable dust. as A
	5 mg/m3	Time Weighted Average	Pyrophoric powder.
	_	(TWA):	
	10 mg/m3	Time Weighted Average	Dust.
		(TWA):	
Titanium dioxide	10 mg/m3	Time Weighted Average	
		(TWA):	
	15 mg/m3	PEL:	Total dust.
	10 mg/m3	Time Weighted Average	as Ti
	_	(TWA):	

9. PHYSICAL AND CHEMICAL PROPERTIES

Short Term Exposure Limit

(STEL):

- Form Appearance Color Odour Melting point/range
- : Solid : pellets : RED : Very faint : Not determined

20 mg/m3

Evaporation rate Specific Gravity Bulk density Vapour pressure Vapour density

as Ti

Not applicable : Not determined : Not established : Not applicable : : Not applicable

ACGIH

OSHA Z1 MX OEL

MX OEL

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	6		ot applicable soluble	рН	:	Not applicable
		10	. STABILITY AND RE	ACTIVITY		
St	ability	:	Stable.			
Н	azardous Polymerization	:	Will not occur.			
C	onditions to avoid	:	Keep away from oxidizi decomposition, do not o		ne.	To avoid thermal
In	compatible Materials	:	Incompatible with strong	g acids and oxidizing ag	ent	ts.
	azardous decomposition oducts	:	Carbon dioxide (CO2), o (NOx), other hazardous			0

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.
7429-90-5	Aluminum	Irritant	Skin, Respiratory system.
		Systemic effects	Eyes, Skin, 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

Persistence and degradability

: Not readily biodegradable.

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Environmental Toxicity	: Chemicals are not readily available as they are bound within the polymer matrix.
Bioaccumulation Potential	: Chemicals are not readily available as they are bound within the polymer matrix.
Additional advice	: No data available
	13. DISPOSAL CONSIDERATIONS
Product	: Like most thermoplastic plastics the product can be recycled. 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	: Not regulated for transportation.
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 TSC. Inventory.
US. EPA CERCLA Hazardou	s Substances (40 CFR 302)
Not applicable	
California Proposition 65	: 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:

U	nless specific chemicals are identified under this section, this	s product is Not Ap	plicable under this	s regulation
	Chemical Name	CAS-No.	Weight %	
	ALUMINUM (FUME OR DUST)	7429-90-5	1.00 - 5.00	

Canadian Regulations:

National Pollutant Release Inventory (NPRI)			
Chemical Name	CAS-No.	Weight %	NPRI ID#
Aluminum	7429-90-5	1.00 - 5.00	12

WHMIS Classification : D2A

WHMIS Ingredient Disclosure List

	S-No.
7429-90-5	9-90-5

:

DSL

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

National Inventories:

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

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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.