

POLYONE CORPORATION**MATERIAL SAFETY DATA SHEET****15375NV ECOLUTION SILVER SHIMMER ADD.**Version Number 1.1
Revision Date 03/13/2014Page 1 of 7
Print Date 3/29/2014**1. PRODUCT AND COMPANY IDENTIFICATION****POLYONE CORPORATION**
8155 Cobb Center Drive, Kennesaw, GA 30152Telephone : 1 (440) 930-1000 or 1 (866) POLYONE
Emergency telephone : **CHEMTREC 1-800-424-9300 (24hrs for spill, leak, fire, exposure**
number : **or accident).**Product name : 15375NV ECOLUTION SILVER SHIMMER ADD.
Product code : FO20028668
Chemical Name : Mixture
CAS-No. : Mixture
Product Use : Industrial Applications**2. COMPOSITION/INFORMATION ON INGREDIENTS**

Components	CAS-No.	Weight percent
Silica, amorphous, fumed, crystal-free	112945-52-5	5 - 10
Aluminum	7429-90-5	10 - 30

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. In addition, heating or processing this material may result in product degradation or byproduct formation creating additional hazards. See Sections 8 and 11 for additional details.

POTENTIAL HEALTH EFFECTS**Routes of Exposure:** : Skin contact, Inhalation, Ingestion**Acute exposure**Inhalation : Inhalation of airborne droplets may cause irritation of the respiratory tract.
Ingestion : No known effects.
Eyes : Vapour during processing may be irritating to the respiratory tract and to the eyes.
Skin : May cause eye or skin irritation with susceptible persons.**Chronic exposure** : Refer to Section 11 for Toxicological Information.

POLYONE CORPORATION

MATERIAL SAFETY DATA SHEET

15375NV ECOLUTION SILVER SHIMMER ADD.

Version Number 1.1

Revision Date 03/13/2014

Page 2 of 7

Print Date 3/29/2014

Medical Conditions : None known.
Aggravated by Exposure:

4. FIRST AID MEASURES

Inhalation : Move to fresh air in case of accidental inhalation of vapors or fumes from overheating or combustion. When symptoms persist or in all cases of doubt seek medical advice.

Ingestion : Obtain medical attention. Never give anything by mouth to an unconscious person.

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 seek medical attention.

5. FIREFIGHTING MEASURES

Flash point : Greater than 400 °F (204.4 °C)

Flammable Limits
Upper explosion limit : no data available
Lower explosion limit : no data available
Auto-ignition temperature : no data available
Suitable extinguishing media : Carbon dioxide (CO₂), Water, Foam, Dry chemical.

Special Fire Fighting Procedures : Fullface self-contained breathing apparatus (SCBA) used in positive pressure mode should be worn to prevent inhalation of airborne contaminants. Cool closed containers exposed to fire with water spray. Do not allow run-off from fire fighting to enter drains or water courses.

Unusual Fire/Explosion Hazards : Carbon dioxide (CO₂), carbon monoxide (CO), oxides of nitrogen (NO_x), other hazardous materials, and smoke are all possible.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions : Ensure response personnel are properly protected (see section 8 for respiratory or other protection guidelines.) Use caution as floors may be slippery.

Environmental precautions : The product should not be allowed to enter drains, water courses or the soil.

Methods for cleaning up : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Sweep up and shovel into suitable containers for disposal.

7. HANDLING AND STORAGE

POLYONE CORPORATION

MATERIAL SAFETY DATA SHEET

15375NV ECOLUTION SILVER SHIMMER ADD.

Version Number 1.1
Revision Date 03/13/2014

Page 3 of 7
Print Date 3/29/2014

- Handling : Use only in area provided with appropriate exhaust ventilation. Prolonged heating may result in product degradation. Material may settle during storage. Careful mixing without introduction of air may be necessary before use.
- Storage : Containers which are opened must be carefully resealed and kept upright to prevent leakage. Keep in a dry, cool place. Keep from freezing and temperature extremes.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- Respiratory protection : A respirator is normally not required for routine handling of product in areas of good general ventilation and adequate local exhaust at processing equipment during routine operation.
- Eye/Face Protection : Safety glasses with side-shields. Wear goggles or face shield during operations that present a splash potential.
- Hand protection : Impervious gloves such as rubber or PVC
- Skin and body protection : Long sleeved shirts and long pants are adequate for normal handling. Where operations present a splash or spill potential, employees should wear chemically resistant clothing, boots, apron, gloves, and eye/face protection.
- Additional Protective Measures : Safety shoes
- General Hygiene Considerations : Wash hands before breaks and immediately after handling the product. Handle in accordance with good industrial hygiene and safety practices.
- Engineering measures : Adequate ventilation and/or appropriate respiratory protection may also be necessary to minimize employee exposure to processing vapors.

Exposure limit(s)

POLYONE CORPORATION

MATERIAL SAFETY DATA SHEET

15375NV ECOLUTION SILVER SHIMMER ADD.

Version Number 1.1

Revision Date 03/13/2014

Page 4 of 7

Print Date 3/29/2014

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
Silica, amorphous, fumed, crystal-free	0.8 mg/m3	Time Weighted Average (TWA):		Z3
	10 mg/m3	Time Weighted Average (TWA):	Inhalable particulate.	MX OEL
	3 mg/m3	Time Weighted Average (TWA):	Respirable dust.	MX OEL

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	: liquid	Evaporation rate	: Slower than Butyl Acetate
Appearance	: liquid	Specific Gravity	: Not determined
Colour	: GREY	Bulk density	: Not applicable
Odour	: slight	Vapour pressure	: Not established
Melting point/range	: not applicable	Vapour density	: Heavier than air.
Boiling Point:	: no data available	pH	: Not determined
Water solubility	: completely miscible		

10. STABILITY AND REACTIVITY

Stability	: Stable
Hazardous Polymerization	: Will not occur.

POLYONE CORPORATION

MATERIAL SAFETY DATA SHEET

15375NV ECOLUTION SILVER SHIMMER ADD.

Version Number 1.1
Revision Date 03/13/2014

Page 5 of 7
Print Date 3/29/2014

Conditions to avoid : Extremes of temperature and direct sunlight. Keep from freezing.

Incompatible Materials : Acids, metal salts, and solvents

Hazardous decomposition products : Carbon dioxide (CO₂), carbon monoxide (CO), oxides of nitrogen (NO_x), 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
112945-52-5	Silica, amorphous, fumed, crystal-free	Irritant	Eyes, Respiratory system.
7429-90-5	Aluminum	Irritant	Skin, Respiratory system.
		Systemic effects	Eyes, Skin, Respiratory system.

LC50 / LD50

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

CAS-No.	Chemical Name	Route	Value	Species
112945-52-5	Silica, amorphous, fumed, crystal-free	Oral LD50	3,160 mg/kg	rat

12. ECOLOGICAL INFORMATION

Persistence and degradability : no data available

Environmental Toxicity : no data available

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 material has the responsibility for proper waste classification, transportation and disposal in accordance with applicable federal,



POLYONE CORPORATION

MATERIAL SAFETY DATA SHEET

15375NV ECOLUTION SILVER SHIMMER ADD.

Version Number 1.1
Revision Date 03/13/2014

Page 6 of 7
Print Date 3/29/2014

state/provincial and local regulations.

14. TRANSPORT INFORMATION

U.S. DOT Classification : Refer to specific regulation.
ICAO/IATA : 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 Substances (40 CFR 302)

not applicable

California Proposition : Not applicable
65

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:

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)ALUMINUM (FUME OR DUST)	7429-90-5	10.00 - 30.00

Canadian Regulations:

National Pollutant Release Inventory (NPRI)

Chemical Name	CAS-No.	Weight percent	NPRI ID#
Aluminum	7429-90-5	10.00 - 30.00	

POLYONE CORPORATION

MATERIAL SAFETY DATA SHEET

15375NV ECOLUTION SILVER SHIMMER ADD.

Version Number 1.1

Revision Date 03/13/2014

Page 7 of 7

Print Date 3/29/2014

WHMIS Classification : D2B

WHMIS Ingredient Disclosure List

CAS-No.
7429-90-5

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 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.