

# Safety Data Sheet (SDS)

According to GHS (Global Harmonized System) - Hazcom 2012

Date Printed (YYYY-MM-DD): 2020-08-13

## Section 1 - Product and Company Information

**Product Name:** Plastic Magic (aerosol)

**Product Part Number(s):** 1050-A,

**Recommended Use:** A surface modifier that eliminates the paint peeling problems on automotive plastics.

**COMPANY IDENTIFICATION:**

Polyvance  
1128 Kirk Rd.  
Rainsville, AL 35986

**Information email:** info@polyvance.com

**EMERGENCY TELEPHONE NUMBER:**

**24 Hour Emergency contact:** Chemtrec: 1-800-424-9300  
Outside US: 703-527-3887

**Customer Information Number:** 256-638-4103 (7AM - 4PM (CST) M-F)

## Section 2 - Hazards Identification

**Appearance:** Aerosol

**Odor:** Characteristic

**Hazard Statement:**

DANGER! Flammable aerosol. Pressurized container: may burst if heated. Causes skin irritation. Causes eye irritation. Harmful if inhaled.

**Signal Word:** DANGER!

**Signal Word Hazard:** Extremely flammable liquid

GHS Physical Hazard Pictogram		GHS Health Hazard Pictogram(s)		GHS Environmental Hazard Pictogram
				
Flammable	Compressed Gases	Irritant	Health Hazard	Not Applicable

### GHS Hazards Statement Codes for This Product

Statement Type	Statement Code	Statement Text
Physical	H222	Extremely flammable aerosol
Physical	H280	Contains gas under pressure; may explode if heated
Health	H315	Causes skin irritation
Health	H319	Causes serious eye irritation
Health	H336	May cause drowsiness or dizziness

**Precautionary Statement:**

Keep out of reach of children. Read label before use. Keep away from heat/sparks/open flames/hot surfaces - No smoking. Pressurized container - Do not pierce or burn, even after use. Do not get in eyes, on skin, or on clothing. Protect from sunlight. Store in a well ventilated place.

### GHS Precautionary Statement Codes for This Product

Statement Type	Statement Code	Statement Text
Prevention	P210	Keep away from heat/sparks/open flames/hot surfaces - No smoking
Prevention	P211	Do not spray on an open flame or other ignition source
Prevention	P251	Pressurized container - Do not pierce or burn, even after use
Prevention	P261	Avoid breathing dust/fume/gas/mist/vapours/spray
Prevention	P264	Wash thoroughly after handling
Prevention	P271	Use only outdoors or in a well-ventilated area
Prevention	P280	Wear protective gloves/protective clothing/eye protection/face protection
Response	P302+352	IF ON SKIN: Wash with soap and water
Response	P304+340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
Response	P305+351+33	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing
Response	P312	Call a POISON CENTER or doctor/physician if you feel unwell
Response	P332+313	If skin irritation occurs: Get medical advice/attention
Response	P337+313	If eye irritation persists get medical advice/attention
Response	P362	Take off contaminated clothing and wash before reuse
Storage	P403+233	Store in a well ventilated place. Keep container tightly closed
Storage	P405	Store locked up
Storage	P410+403	Protect from sunlight. Store in a well ventilated place
Storage	P412	Do not expose to temperatures exceeding 50°C/122°F
Disposal	P501	Dispose of contents/container in accordance with local/regional/national/international regulations

## Potential Health Effects

**Eye Contact:** Irritating to eyes

**Skin Contact:** Prolonged contact may cause slight irritation with local redness. May cause drying and flaking of the skin

**Inhalation:** Harmful by inhalation

## Section 3 - Composition / Information on Ingredients

Component	CAS #	ENIECS	REACH Reg. No.	Amount
Xylene	1330-20-7			13-30%
Ethyl 3-ethoxypropionate	763-69-9			1.5-5%
Acetone	67-64-1			40-60%
Petroleum gases, liquified, sweetened	68476-86-8			25-50%
2-methoxy-1-methylethyl acetate	108-65-6			1.5-5%
2-(propyloxy)ethanol	2807-30-9			1-1.5%

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## Section 4 - First Aid Measures

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<b>Eye Contact:</b>	Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
<b>Skin Contact:</b>	Immediately wash with water and soap and rinse thoroughly.
<b>Inhalation:</b>	Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.
<b>Ingestion:</b>	After swallowing: if symptoms persist consult doctor.
<b>Medical Conditions Aggravated by Exposure:</b>	Bronchitis, CNS disorders, allergies, nausea.

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## Section 5 - Firefighting Measures

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<b>Extinguishing Media:</b>	CO <sub>2</sub> , sand, extinguishing powder. Do not use water.
<b>Special Protective Equipment:</b>	Mouth respiratory protective device.
<b>Fire Fighting Procedures:</b>	Water with full jet.

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## Section 6 - Accidental Release Measures

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<b>Personal Precautions:</b>	Wear protective equipment. Keep unprotected persons away.
<b>Environmental Precautions:</b>	Do not allow product to reach sewage system or any water course. Inform respective authorities in case of seepage into water course or sewage system. Do not allow to enter sewers/ surface or ground water.
<b>Methods For Clean Up:</b>	Dispose contaminated material as waste according to Section 13. Ensure adequate ventilation. Do not flush with water or aqueous cleansing agents.
<b>Methods for Containment:</b>	Ensure adequate ventilation.

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## Section 7 - Handling and Storage

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<b>General Handling Practices:</b>	Ensure good ventilation/exhaustion at the workplace. Open and handle receptacle with care.
<b>Handling Precautions:</b>	Do not spray on a naked flame or any incandescent material. Keep ignition sources away. Do not smoke. Protect against electrostatic charges. Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 C, i.e. electric lights. Do not pierce or burn, even after use.
<b>Storage Requirements:</b>	Store in a cool location. Observe official regulations on storing packagings with pressurized containers. Keep receptacle tightly sealed. Do not gas-tight seal receptacle. Store in cool, dry conditions in well sealed receptacles. Protect from heat and sunlight.

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## Section 8 - Precautions to Control Exposure / Personal Protection

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Component	Source	Type	Value	Remarks
Acetone	NIOSH	10H TWA	590 mg/m <sup>3</sup>	
Acetone	DFG MAK		1000 ppm	
Acetone	ACGIH	TLV	750 ppm	STEL
Acetone	ACGIH	TLV	500 ppm	TWA
Acetone	OSHA	PEL	1000 ppm	TWA
Petroleum gases, liquified, sweetened	OSHA (short term)		10 mg/m <sup>3</sup> , 1000 ppm	

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Xylene	ACGIH	TLV	150 ppm	STEL
Xylene	ACGIH	TLV	100 ppm	TWA
Xylene	OSHA	PEL	100 ppm	TWA

## Personal Protective Equipment (PPE):

**Eye / Face Protection:** Tightly sealed goggles.

**Skin Protection:** Protective gloves are usually adequate when product is used according to instructions. Wear chemical resistant clothing such as gloves, apron, boots or whole bodysuits made from neoprene, as appropriate

**Respiratory Protection:** In case of brief exposure or low pollution, use respiratory filter device. In case of intensive or longer exposure use, respiratory protective device that is independent of circulating air.

**Hygienic Measures:** Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work. Avoid contact with the eyes and skin.

**Engineering Controls:** Use exhaust ventilation to keep airborne concentration below exposure limits.

**HMIS Personal Protection:** G



## Section 9 - Physical and Chemical Properties

**Appearance:** Aerosol

**Color:** Clear

**Odor:** Characteristic

**Odor Threshold:** Not determined

**pH:** Not determined

**Melting Point:** Not available

**Freezing Point:** Not available

**Boiling Point:** 55 C (131 F)

**Boiling Range:** 55 C (131 F)

**Flash Point:** -103°C (-153°F)

**Evaporation Rate:** Not available

**Flammability:** Flammable in the presence of heat, open flames, sparks, and static discharge.

**Upper Flammability Limit:** 1.1 Vol%

**Lower Flammability Limit:** 13.0 Vol%

**Vapor Pressure:** 233.0 hPa (175 mm Hg) at 20 C (68 F)

**Vapor Density:** Not available

**Specific Gravity:** 0.72 g/cm<sup>3</sup>

**Solubility in Water:** Not miscible or difficult to mix

**Partition Coefficient:** Not available

**Autoignition Temperature:** 465°C (869°F)

**Decomposition Temperature:** Not available

**Viscosity:** Not available

**Percent Volatiles:** 97%

**Volatile Organic Compounds** 50.4% 410.4g/l (3.42 lb./gal)

(VOC's):

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## Section 10 - Stability and Reactivity

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**Chemical Stability:** Not available

**Conditions to Avoid:** No decomposition if used according to specifications.

**Incompatible Materials:** Not available

**Hazardous Decomposition Products:** No dangerous decomposition products known

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## Section 11 - Toxicological Information

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**Ingestion Toxicity:** LD50, Rat 4300 mg/kg (Xylene)

**Skin Absorption:** LD50, Rabbit 2000mg/kg (Xylene)

**Sensitization:** No sensitizing effects known.

**Eye Irritation:** Irritating effect

**Skin Irritation:** Irritant to skin and mucous membranes.

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## Section 12 - Ecological Information

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**EcoToxicity:** Water hazard class 3: extremely hazardous for water. Do not allow product to reach ground water, water course or sewage system, even in small quantities.

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## Section 13 - Disposal Considerations

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**Disposal Method:** Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

**Container Disposal:** Disposal must be made according to official regulations.

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## Section 14 - Transport Information

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### DOT

**Proper Shipping Name:** Aerosols, flammable

**Hazard Class:** 2.1

**Identification Number:** UN1950

**Packing Group:** II

**DOT Labeling:** Flammable Gas

## **IMDG (Maritime transport)**

**Proper Shipping Name:** Aerosols

**IMDG Class:** 2.1

**UN Number:** UN1950

**Label:** Flammable Gas

**EMS Number:** F-D,S-U

**Marine Pollutant?:** No

## **IATA (Air transport)**

**Proper Shipping Name:** Aerosols, flammable

**ICAO / IATA Class:** 2.1

**UN / ID Number:** UN1950

**Label:** 2.1

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## **Section 15 - Regulatory Information**

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Superfund Amendments and Reauthorization Act of 1986 (Emergency Planning and Community Right-to-Know Act of 1986)  
Sections 311 and 312

Immediate (Acute) Health Hazard: Not available

Delayed (Chronic) Health Hazard: Not available

Fire Hazard: Not available

Reactive Hazard: Not available

Sudden Release of Pressure: Not available

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**The following lists hazardous components and the regulatory lists for which they are required to be reported.**

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**Component:** 2-(propyloxy)ethanol

**CAS:** 2807-30-9

**Amount:** 1-1.5%

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**Component:** 2-methoxy-1-methylethyl acetate

**CAS:** 108-65-6

**Amount:** 1.5-5%

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**Component:** Acetone

**CAS:** 67-64-1

**Amount:** 25-50%

Acetone is listed with the Environmental Protection Agency (EPA) as a possible carcinogen.

Acetone is listed with International Agency for Research on Cancer (IARC) as a possible carcinogen.

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**Component:** Petroleum gases, liquified, sweetened

**CAS:** 68476-86-8

**Amount:** 25-50%

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**Component:** Xylene

**CAS:** 1330-20-7

**Amount:** 10-25%

Xylene is on the California Prop 65 Cancer list.

Xylene is listed with the Environmental Protection Agency (EPA) as a possible carcinogen.

Xylene is listed with International Agency for Research on Cancer (IARC) as a possible carcinogen.

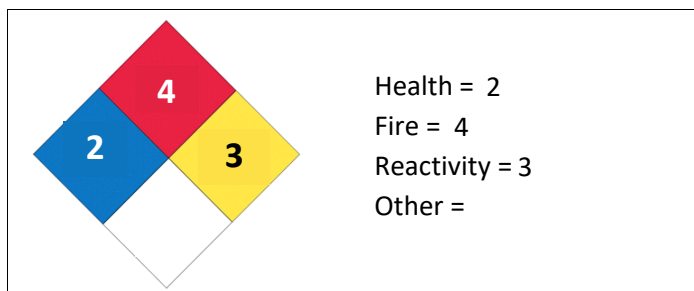
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#### HMIS Rating (0 - 4)

<b>HEALTH</b>	<b>2</b>	Health = 2
<b>FIRE</b>	<b>4</b>	Fire = 4
<b>PHYSICAL</b>	<b>3</b>	Physical = 3
<b>PERSONAL PROTECTION</b>	<b>G</b>	Personal Protection = G

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#### NFPA Ratings



## Section 16 - Other Information

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### Legend

ACGIH	American Conference of Governmental Hygienists
ACGIH	American Conference of Governmental Hygienists
CFR	Code of Federal Regulations

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CFR	Code of Federal Regulations
DFG	Deutsche Forschungsgemeinschaft
DFG	Deutsche Forschungsgemeinschaft
HMIS	Hazardous Materials Identification System
HMIS	Hazardous Materials Identification System
IARC	International Agency for Research on Cancer
IARC	International Agency for Research on Cancer
MAK	Maximum Allowable Concentration (German)
MAK	Maximum Allowable Concentration (German)
NFPA	National Fire Protection Association
NFPA	National Fire Protection Association
NIOSH	National Institute for Occupational Safety and Health
NIOSH	National Institute for Occupational Safety and Health
NIOSH	National Institute for Occupational Safety and Health
OEL	Occupational Exposure Limit
RCRA	Resource Conservation and Recovery Act
STEL	Short Term Exposure Limit
STEL	Short Term Exposure Limit
TLV	Threshold Limit Value
TLV	Threshold Limit Value
TWA	Time Weighted Average
TWA	Time Weighted Average

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## DISCLAIMER

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