

# Safety Data Sheet

According to GHS (Global Harmonized System) - Hazcom 2012

Date Printed (YYYY-MM-DD): 2016-04-27

## Section 1 - Product and Company Information

**Product Name:** Plastic Magic

**Product Part Number(s):** 1050-1, 1050-4

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

**Revision Date (YYYY-MM-DD):**

**COMPANY IDENTIFICATION:**

Polyvance

1128 Kirk Rd.

Rainsville, AL 35986

**Information Email:** [info@polyvance.com](mailto:info@polyvance.com)

**EMERGENCY TELEPHONE NUMBER**

**24 Hour Emergency Contact**

**Customer Information Number**

Chemtrec - 1-800-424-9300 (Outside USA  
703-527-3887)

256-638-4103 (7AM - 4PM (CST) M-F)

## Section 2 - Hazards Identification

**Appearance:** Clear liquid



**Odor:** Characteristic

**Hazard Statement:**

WARNING! Fire or projection hazard. Flammable liquid and vapor.  
Pressurized container: may burst if heated. May cause an allergic skin reaction. Causes eye irritation.

**Signal Word:** WARNING!

**Signal Word Hazard:** Flammable Liquid

GHS Physical Hazard Pictograms	GHS Health Hazard Pictograms	GHS Environmental Hazard Pictograms
 Flammable	 Irritant	Not Applicable

### GHS Hazards Statement Codes for This Product

Statement Type	Statement Code	Statement Text
Physical	H204	Fire or projection hazard
Physical	H226	Flammable liquid and vapor

Physical	H229	Pressurized container: may burst if heated
Health	H317	May cause an allergic skin reaction
Health	H320	Causes eye irritation

**Precautionary Statement:**

Keep out of reach of children. Read label before use. Keep away from heat/sparks/open flames/hot surfaces - No smoking. IF ON SKIN: Wash with soap and water.

**GHS Precautionary Statement Codes for This Product**

Statement Type	Statement Code	Statement Text
General	P102	Keep out of reach of children
General	P103	Read label before use
Prevention	P210	Keep away from heat/sparks/open flames/hot surfaces - No smoking
Response	P302+352	IF ON SKIN: Wash with soap and water

**Potential Health Effects**

<b>Eye Contact:</b>	Nasal and respiratory irritation, dizziness, headache, nausea, possible unconsciousness, and asphyxiation.
<b>Skin Absorption:</b>	Moderate irritation, redness, blurred vision.
<b>Inhalation:</b>	Dizziness, breathing difficulty, headaches, and loss of coordination.
<b>Ingestion:</b>	Gastrointestinal irritation, vomiting, diarrhea.

**Section 3 - Composition/Information on Ingredients**

Component	CAS #	ENIECS	REACH Reg. No.	Amount
Chlorinated Polyolefin	24937-78-8			0 - 2%
Heptane	142-82-5			45 - 50%
Methyl Ethyl Ketone	78-93-3			1 - 2%
Resin	Proprietary			0 - 2%
Toluene	108-88-3			45-50%

**Section 4 - First Aid Measures**

**Eye Contact:** Immediately flush eyes with excess water for 15 minutes, lifting lower and upper eyelids occasionally.

**Skin Contact:** Immediately flush skin with excess water for 15 minutes removing contaminated clothing.

**Inhalation:** Remove to fresh air. If not breathing, give artificial respiration.

**Ingestion:** Call Poison Control immediately. Aspiration hazard. Rinse mouth with cold water. Give victim 1-2 tbsp of activated charcoal mixed with 8 oz. of water.

**Medical Conditions Aggravated by Exposure:** Bronchitis, CNS disorders, allergies, nausea.

## Section 5 - Firefighting Measures

**Extinguishing Media:** Foam, dry chemical, water fog

**Fire Fighting Procedures:** Respiratory equipment should be worn to avoid inhalation of concentrated vapors. Water should not be used except as a fog to keep nearby containers cool.

**Unusual Fire and Explosion Hazards:** Handle as a flammable liquid. Vapors form an explosive mixture in air between the lower and upper explosive limits which can be ignited by many sources such as pilot lights, open flames, electric motors and switches.

## Section 6 - Accidental Release Measures

**Steps to be Taken if Material is Released or Spilled:** Remove all sources of ignition. Allow volatile portion to evaporate completely. Avoid breathing vapors and remove with inert absorbent.

**Personal Precautions:** Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel. Remove all ignition sources and ventilate area.

**Environmental Precautions:**

## Section 7 - Handling and Storage

**General Handling:** Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. Avoid spontaneous combustion of contaminated rags or other ignitable material. Keep out of reach of children.

**Other Precautions:** Use with adequate ventilation and do not breathe dust or vapor. Avoid contact with skin, eyes, or clothing. Wash hands thoroughly after handling.

**Storage:** Do not store near heat, sparks or flame. Store in well ventilated area. Keep closure tight and container upright to prevent leakage. Do not puncture or incinerate. Do not spray near fire or open flames.

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

Component	Source	Type	Value	Remarks
Heptane	ACGIH	TLV	500 ppm	STEL
Heptane	ACGIH	TLV	400 ppm	TWA
Heptane	OSHA	PEL	500 ppm	TWA
Methyl Ethyl Ketone	ACGIH	STEL	300ppm 885mg/m3	
Methyl Ethyl Ketone	ACGIH	TWA	200ppm 590mg/m3	
Methyl Ethyl Ketone	ACGIH	TWA	200ppm 590mg/m3	

Methyl Ethyl Ketone	NIOSH	STEL	300ppm 885mg/m3
Methyl Ethyl Ketone	NIOSH	TWA	200ppm 590mg/m3
Methyl Ethyl Ketone	OSHA	TWA	200 ppm 590 mg/m3
Toluene	ACGIH	TLV-TWA	50 ppm
Toluene	OSHA	Ceiling	300 ppm
Toluene	OSHA	STEL	150 ppm
Toluene	OSHA	PEL	100 ppm

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### Personal Protective Equipment (PPE):

**Eye/Face Protection:** Goggles or side-shielded safety glasses.

**Skin Protection:** Neoprene or butyl rubber gloves.

**Respiratory Protection:** Use of a NIOSH approved chemical/mechanical filter, designed to remove a combination of particles and vapors.

**Hygienic Measures:** Wash hands before eating, smoking or using the washroom.

**Other Protection Measures:** To prevent repeated or prolonged skin contact, wear impervious clothing and boots. Wash contaminated clothing before reuse.

**Engineering Controls:** Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below TLV(s)




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## Section 9 - Physical and Chemical Properties

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<b>Appearance:</b>	Petroleum odor
<b>Color:</b>	Clear, colorless liquid.
<b>Odor:</b>	Mild odor.
<b>ph:</b>	Not determined
<b>Flash Point:</b>	23°F (-5°C)
<b>Upper Flammable Limit:</b>	11.5%
<b>Lower Flammable Limit:</b>	1%
<b>Autoignition Temperature:</b>	434°F (223°C)
<b>Vapor Pressure:</b>	Not available
<b>Boiling Point:</b>	180.0
<b>Vapor Density:</b>	Heavier than air

<b>Specific Gravity:</b>	0.80
<b>Freezing Point:</b>	Not available
<b>Melting Point:</b>	Not available
<b>Solubility in Water:</b>	Not Soluble
<b>Evaporation Rate:</b>	5.8 (butyl acetate = 1)
<b>Partition Coefficient:</b>	Not available
<b>Decomposition Temperature:</b>	Not available
<b>Percent Volatiles:</b>	97%
<b>Volatile Organic Compounds (VOC):</b>	6.32 lb/gal (757 g/l)
<b>Visosity:</b>	Not available

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## Section 10 - Stability and Reactivity

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**Stability/Instability:** Stable

**Conditions To Avoid:** Excessive heat, poor ventilation, open flames, sources of sparks.

**Incompatible Materials:** Alkaline materials, strong acids, and oxidizing materials.

**Hazardous Polymerization:** Will Not Occur

**Hazardous Decomposition Products:** Carbon monoxide, carbon dioxide, various hydrocarbons, oxides of nitrogen, chlorine and possibly acrolein.

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## Section 11 - Toxicological Information

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### Acute Toxicity

#### Ingestion

Not available

#### Skin Absorption

Not available

#### Inhalation

Not available

### Sensitization

Not available

### Acute Dose

Not available

### Repeated Dose Toxicity

Not available

### Chronic Toxicity and Carcinogenicity

Not available

**Corrosivity**

Not available

**Neurological**

Not available

**Reproductive Toxicity**

Not available

**Genetic Toxicity**

Not available

**Eye Irritation**

Not available

**Skin Irritation**

Not available

**Target Organs**

Not available

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## Section 12 - Ecological Information

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**ECOTOXICITY**

Toxic to terrestrial and aquatic plants and animals. Do not release to the environment.

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## Section 13 - Disposal Considerations

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**Disposal Method:**

Do not incinerate. Dispose of in accordance with local, state and federal regulations. Do not contaminate lakes, streams or other water supply.

**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:** Paint related material**Hazard Class:** 3**ID Number:** UN1263**Packing Group:** II

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**IMDG (Maritime transport)**

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**IMDG Class:** 3

**UN Number:** UN1263

**Label:** Flamm. Liquid

**Packaging Group:** II

**EMS Number:** F-E, S-E

**Proper Shipping Name:** PAINT RELATED MATERIAL

## IATA (Air Transport)

**ICAO/IATA Class:** 3

**UN/ID Number:** UN1263

**Label:** Flamm. Liquid

**Air Packaging Group:** II

**Proper Shipping Name:** Paint related material

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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**

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

**Component:** Vinyl Acetate Copolymer

**CAS Number:** 24937-78-8

**Amount:**

**Component:** Heptane

**CAS Number:** 142-82-5

**Amount:** 45-50%

**Component:** Methyl Ethyl Ketone

**CAS Number:** 78-93-3

**Amount:** 1 %

**Component:** Chlorinated Polyolefin

**CAS Number:** N/A

**Amount:**

**Component:** Toluene

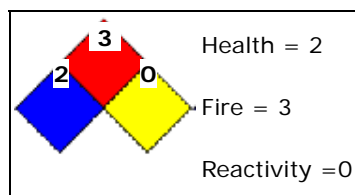
**CAS Number:** 108-88-3

**Amount:** 45-50%

Toluene is known to the State of California to cause cancer.

**HMIS Rating (Scale 0 - 4)**

<b>HEALTH</b>	<b>2</b>	Health = 2
<b>FIRE</b>	<b>3</b>	Fire = 3
<b>PHYSICAL</b>	<b>1</b>	Physical = 1
<b>PERSONAL PROTECTION</b>	<b>G</b>	Personal Protection = G

**NFPA Ratings****Section 16 - Other Information****Legend**

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

**DISCLAIMER**

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