

Safety Data Sheet

According to GHS (Global Harmonized System) - Hazcom 2012

Date Printed: 02-20-2014

Section 1 - Product and Company Information

Product Name: Plastic Magic (aerosol)

Product Part Number(s):

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

COMPANY IDENTIFICATION:

Urethane Supply Company

1128 Kirk Rd.

Rainsville, AL 35986

Information Email: info@urethanesupply.com

EMERGENCY TELEPHONE NUMBER

24 Hour Emergency Contact

Customer Information Number

Chemtrec - 1-800-424-9300 (Outside USA703-527-3887

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 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	H223	Flammable aerosol
Physical	H229	Pressurized container: may burst if heated
Health	H315	Causes skin irritation
Health	H320	Causes eye irritation

Health	H332	Harmful if inhaled
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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
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
Prevention	P251	Pressurized container - Do not pierce or burn, even after use
Prevention	P262	Do not get in eyes, on skin, or on clothing
Storage	P410+403	Protect from sunlight. Store in a well ventilated place

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
2-(propyloxy)ethanol	2807-30-9			<2.5%
2-Butanone	78-93-3			1-3%
2-methoxy-1-methylethyl acetate	108-65-6			<2.5%
Acetone	67-64-1			25-50%
Chlorinated Polyolefin	N/A			NA
Heptane	142-82-5			45-50%
Isobutane/propane aerosol propellant	68476-86-8			4.88%
Petroleum gases, liquified, sweetened	68476-86-8			25-50%
Vinyl Acetate Copolymer	24937-78-8			NA
Xylene	1330-20-7			10-25%

Section 4 - First Aid Measures

Eye Contact: Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

Skin Contact: Immediately wash with water and soap and rinse thoroughly.

Inhalation: Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.

Ingestion: After swallowing: if symptoms persist consult doctor.

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

Section 5 - Firefighting Measures

Extinguishing Media: CO₂, sand, extinguishing powder. Do not use water.

Fire Fighting Procedures: Water with full jet.

Special Protective Equipment for Firefighters: Mouth respiratory protective device.

Section 6 - Accidental Release Measures

Steps to be Taken if Material is Released or Spilled: Dispose contaminated material as waste according to Section 13. Ensure adequate ventilation. Do not flush with water or aqueous cleansing agents.

Personal Precautions: Wear protective equipment. Keep unprotected persons away.

Environmental Precautions: 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.

Section 7 - Handling and Storage

General Handling: Ensure good ventilation/exhaustion at the workplace. Open and handle receptacle with care.

Other Precautions: 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.

Storage: 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.

Section 8 - Precautions to Control Exposure / Personal Protection

Component	Source	Type	Value	Remarks
2-Butanone	ACGIH	TLV	300 ppm	STEL
2-Butanone	ACGIH	TLV	200 ppm	TWA
2-Butanone	OSHA	PEL	200 ppm	TWA
Acetone	NIOSH	10H TWA	590 mg/m ³	
Acetone	DFG MAK		1000 ppm	
Acetone	ACGIH	TLV	750 ppm	STEL

Acetone	ACGIH	TLV	500 ppm	TWA
Acetone	OSHA	PEL	1000 ppm	TWA
Heptane	ACGIH	TLV	500 ppm	STEL
Heptane	ACGIH	TLV	400 ppm	TWA
Heptane	OSHA	PEL	500 ppm	TWA
Petroleum gases, liquified, sweetened	OSHA	TLV (short term)	2950 mg/m3, 1000 ppm	
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.



Section 9 - Physical and Chemical Properties

Appearance:	Aerosol
Color:	Clear
Odor:	Characteristic
ph:	Not determined
Flash Point:	-19° C (-2° F)
Upper Flammable Limit:	1.1 Vol%
Lower Flammable Limit:	13.0 Vol%
Autoignition Temperature:	465° C (869° F)
Vapor Pressure:	233.0 hPa (175 mm Hg) at 20° C (68° F)
Boiling Point:	55°C (131° F)
Vapor Density:	Not available
Specific Gravity:	0.72 g/cm3

Freezing Point:	Not available
Melting Point:	Not available
Solubility in Water:	notmiscible or difficult to mix
Evaporation Rate:	Not available
Partition Coefficient:	Not available
Decomposition Temperature:	Not available
Percent Volitiles:	97%
Volitile Organic Compounds (VOC):	50.4% 410.4g/l (3.42 lb/gal)
Visosity:	Not available

Section 10 - Stability and Reactivity

Stability/Instability: Not available

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

Incompatible Materials: Not available

Hazardous Decomposition Products: No dangerous decomposition products known

Section 11 - Toxicological Information

Acute Toxicity

Ingestion

LD50, Rat 4300 mg/kg (Xylene)

Skin Absorption

LD50, Rabbit 2000mg/kg (Xylene)

Inhalation

LD50, Rabbit 2000mg/kg (Xylene)

Sensitization

No sensitizing effects known.

Eye Irritation

Irritating effect

Skin Irritation

Irritant to skin and mucous membranes.

Section 12 - Ecological Information

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.

Section 13 - Disposal Considerations

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.

Section 14 - Transport Information

DOT

Proper Shipping Name: Aerosols, flammable

Hazard Class: 2.1

ID Number: UN1950

Packing Group: II

IMDG (Maritime transport)

IMDG Class: 2.1

UN Number: UN1950

Label: 2.1

EMS Number: F-D,S-U

Maritime Marine Pollutant: No

Proper Shipping Name: Aerosols

IATA (Air Transport)

ICAO/IATA Class: 2.1

UN/ID Number: UN1950

Label: 2.1

Proper Shipping Name: Aerosols, flammable

Section 15 - Regulatory Information

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: Xylene

CAS Number: 1330-20-7

Amount: 10-25%

Xylene is listed in SARA 313

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

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

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

Component: Vinyl Acetate Copolymer

CAS Number: 24937-78-8

Amount:

Component: Acetone

CAS Number: 67-64-1

Amount: 25-50%

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

Acetone is listed with the American Conference on Governmental Industrial Hygienists (ACGIH) as a possible carcinogen.

Component: Heptane

CAS Number: 142-82-5

Amount: 45-50%

Component: 2-Butanone

CAS Number: 78-93-3

Amount: 1-3%

Component: Petroleum gases, liquified, sweetened

CAS Number: 68476-86-8

Amount: 25-50%

Component: Petroleum gases, liquified, sweetened

CAS Number: 68476-86-8

Amount: 25-50%

Component: 2-methoxy-1-methylethyl acetate

CAS Number: 108-65-6

Amount: <2.5%

Component: 2-(propyloxy)ethanol

CAS Number: 2807-30-9

Amount: <2.5%

Component: Chlorinated Polyolefin

CAS Number: N/A

Amount:

Component: Isobutane/propane aerosol propellant

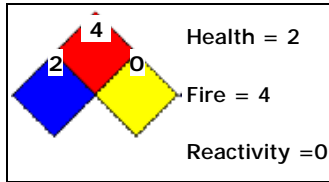
CAS Number: 68476-86-8

Amount: 4.88%

HMI S Rating (Scale 0 - 4)

HEALTH	2	Health = 2
FIRE	4	Fire = 4
PHYSICAL	2	Physical = 2
PERSONAL PROTECTION	G	Personal Protection = G

NFPA Ratings



Section 16 - Other Information

Legend

- ACGIH American Conference of Governmental Hygenists
- ACGIH American Conference of Governmental Hygenists
- CFR Code of Federal Regulations
- 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)
- MSDS Material Safety Data Sheet
- MSDS Material Safety Data Sheet
- 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

DISCLAIMER

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