

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

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

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: 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.

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

Potential Health Effects

Eye Contact: Nasal and respiratory irritation, dizziness, headache, nausea, possible unconsciousness, and asphyxiation.

Skin Absorption: Moderate irritation, redness, blurred vision.

Inhalation: Dizziness, breathing difficulty, headaches, and loss of coordination.

Ingestion: Gastrointestinal irritation, vomiting, diarrhea.

Section 3 - Composition/Information on Ingredients

Component	CAS #	ENIECS	REACH Reg. No.	Amount
Chlorinated Polyolefin		N/A		NA
Heptane	142-82-5			45-50%
Methyl Ethyl Ketone	78-93-3			1 %
Toluene	108-88-3			45-50%
Vinyl Acetate Copolymer	24937-78-8			NA

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

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)



Section 9 - Physical and Chemical Properties

Appearance:	Petroleum odor
Color:	Clear, colorless liquid.
Odor:	Mild odor.
ph:	Not determined
Flash Point:	23°F (-5°C)
Upper Flammable Limit:	11.5%
Lower Flammable Limit:	1%
Autoignition Temperature:	434°F (223°C)
Vapor Pressure:	Not available
Boiling Point:	180.0
Vapor Density:	Heavier than air
Specific Gravity:	0.80
Freezing Point:	Not available
Melting Point:	Not available

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

Section 10 - Stability and Reactivity

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.

Section 11 - Toxicological Information

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

Section 12 - Ecological Information

ECOTOXICITY

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

Section 13 - Disposal Considerations

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.

Section 14 - Transport Information

DOT

Proper Shipping Name: Paint related material

Hazard Class: 3

ID Number: UN1263

Packing Group: II

IMDG (Maritime transport)

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

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: Toluene
 CAS Number: 108-88-3
 Amount: 45-50%
 Toluene is known to the State of California to cause cancer.

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 %

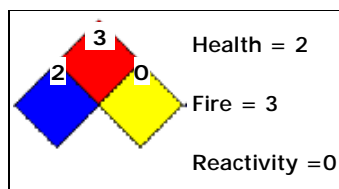
Component: Chlorinated Polyolefin
 CAS Number: N/A
 Amount:

HMIS Rating (Scale 0 - 4)

HEALTH	2	Health = 2
FIRE	3	Fire = 3
PHYSICAL	1	Physical = 1

PERSONAL PROTECTION	G	Personal Protection = G
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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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