

Safety Data Sheet (SDS)

According to GHS (Global Harmonized System) - Hazcom 2012

Date Printed (YYYY-MM-DD): 2020-04-27

Section 1 - Product and Company Information

Product Name: Low-VOC Plastic Magic

Product Part Number(s): 1051-1, 1051-1, 1051-4

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: Clear liquid

Odor: Characteristic

Hazard Statement:

WARNING! Extremely flammable liquid and vapor. May cause an allergic skin reaction. Causes eye irritation.

Signal Word: WARNING!

Signal Word Hazard: Flammable Liquid

| GHS Physical Hazard Pictogram | GHS Health Hazard Pictogram(s) | GHS Environmental Hazard Pictogram |
|--|---|---|
|  Flammable |  Irritant |  Environmentally Damaging |

GHS Hazards Statement Codes for This Product

| Statement Type | Statement Code | Statement Text |
|----------------|----------------|--------------------------------------|
| Physical | H224 | Extremely flammable liquid and vapor |
| 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. Pressurized container - Do not pierce or burn, even after use. Store in a well ventilated place. Keep container tightly closed. 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 |
| Storage | P410+403 | Protect from sunlight. Store in a well ventilated place |
| Storage | P403+233 | Store in a well ventilated place. Keep container tightly closed |

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 |
|------------------------|-----------|--------|----------------|----------|
| Xylene | 1330-20-7 | | | 7 - 8% |
| Ethyl Benzene | 100-41-4 | | | 0-5% |
| Acetone | 67-64-1 | | | 30 - 35% |
| Dibutyl Phthalate | 87-74-2 | | | 0-5% |
| Tertiary Butyl Acetate | 540-88-5 | | | 49 - 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 tbsps 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 |
| Unusual Fire or 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. |
| 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. |

Section 6 - Accidental Release Measures

| | |
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| 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. |
| Methods For Clean Up: | Remove all sources of ignition. Allow volatile portion to evaporate completely. Avoid breathing |

vapors and remove with inert absorbent.

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

Section 7 - Handling and Storage

General Handling Practices: 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.

Handling 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 Requirements: 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 |
|------------------------|--------|------|------------------------|---------|
| Acetone | NIOSH | TWA | 2500 ppm | IDLH |
| Acetone | ACGIH | TWA | 500 ppm | |
| Acetone | ACGIH | STEL | 750 ppm | |
| Acetone | NIOSH | TWA | 590 mg/m ³ | |
| Acetone | OSHA | TWA | 1000 ppm | |
| Acetone | OSHA | TWA | 2400 mg/m ³ | |
| Acetone | NIOSH | TWA | 250 ppm | |
| Dibutyl Phthalate | ACGIH | TWA | 5 mg/m ³ | |
| Dibutyl Phthalate | OSHA | PEL | 5 mg/m ³ | 8 hour |
| Ethyl Benzene | OSHA | TWA | 100 ppm | |
| Ethyl Benzene | ACGIH | TWA | 100 ppm | |
| Ethyl Benzene | ACGIH | STEL | 125 ppm | |
| Ethyl Benzene | NIOSH | TWA | 435 mg/m ³ | |
| Ethyl Benzene | NIOSH | TWA | 800 ppm | IDLH |
| Ethyl Benzene | OSHA | TWA | 435 mg/m ³ | |
| Tertiary Butyl Acetate | NIOSH | TWA | 1500 ppm | IDLH |
| Tertiary Butyl Acetate | NIOSH | TWA | 950 mg/m ³ | |
| Tertiary Butyl Acetate | OSHA | TWA | 950 mg/m ³ | |
| Tertiary Butyl Acetate | NIOSH | TWA | 200 ppm | |
| Tertiary Butyl Acetate | ACGIH | TWA | 200 ppm | |
| Tertiary Butyl Acetate | OSHA | TWA | 200 ppm | |
| Xylene | ACGIH | TWA | 100 ppm | |
| Xylene | ACGIH | STEL | 150 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 To prevent repeated or prolonged skin contact, wear impervious clothing and boots. Wash

Measures: contaminated clothing before reuse.

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

HMIS Personal Protection: G



Safety Glasses



Gloves



Vapor Respirator

Section 9 - Physical and Chemical Properties

Appearance: Liquid

Color: Clear, colorless liquid.

Odor: Mild odor.

Odor Threshold: Mild Odor

pH: Not determined

Melting Point: Not available

Freezing Point: Not available

Boiling Point: 180.0

Boiling Range: Not available

Flash Point: 7 C (45 F)

Evaporation Rate: Greater than n-Butyl Acetate

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

Upper Flammability Limit: Not available

Lower Flammability Limit: Not available

Vapor Pressure: Not available

Vapor Density: Not available

Specific Gravity: 0.84

Solubility in Water: Not available

Partition Coefficient: Not available

Autoignition Temperature: Not available

Decomposition Temperature: Not available

Viscosity: Not available

Percent Volatiles: 95 - 97%

Volatile Organic Compounds (VOC's): 3.65 lb./gal (439 g/l)

Section 10 - Stability and Reactivity

Chemical Stability: Stable

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

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

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

Hazardous Polymerization: Will Not Occur

Section 11 - Toxicological Information

Ingestion Toxicity: Not determined
Skin Absorption: Not determined
Inhalation: Not determined
Sensitization: Not determined
Acute Dose: Not determined
Repeated Dose: Not determined
Carcinogenicity: Not determined
Corrosivity: Not determined
Neurological: Not determined
Reproductive: Not determined
Genetic: Not determined
Developmental: Not determined
Eye Irritation: Not determined
Skin Irritation: Not determined
Target Organs: Not determined

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

Identification Number: UN1263

Packing Group: II

DOT Labeling: Flammable Liquid

IMDG (Maritime transport)

Proper Shipping Name: PAINT RELATED MATERIAL

IMDG Class: 3

UN Number: UN1263

Label: Flammable Liquid

EMS Number: F-E, S-E

IATA (Air transport)

Proper Shipping Name: Paint related material

ICAO / IATA Class: 3

UN / ID Number: UN1263

Label: Flammable Liquid

Packing Group II

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

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

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

Component: Acetone

CAS: 67-64-1

Amount: 30 - 35%

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

Component: Dibutyl Phthalate

CAS: 87-74-2

Amount: 1%

Dibutyl Phthalate is on the California Prop 65 Cancer list.

Component: Ethyl Benzene

CAS: 100-41-4

Amount: 1 - 2%

Ethyl Benzene is on the California Prop 65 Cancer list.

Ethyl Benzene is listed with Massachusetts Right to Know.

Ethyl Benzene is listed with Minnesota Right to Know.

Ethyl Benzene is listed with New Jersey Right to Know.

Ethyl Benzene is listed with Pennsylvania Right to Know.

Component: Tertiary Butyl Acetate

CAS: 540-88-5

Amount: 49 - 50%

Tertiary Butyl Acetate is listed with Massachusetts Right to Know.

Tertiary Butyl Acetate is listed with Minnesota Right to Know.

Tertiary Butyl Acetate is listed with New Jersey Right to Know.

Tertiary Butyl Acetate is listed with Pennsylvania Right to Know.

Tertiary Butyl Acetate is listed with Rhode Island Right to Know.

is listed with the Occupational Safety and Health Administration (OSHA) as a possible carcinogen.

Component: Xylene

CAS: 1330-20-7

Amount: 7 - 8%

Xylene is listed with the Illinois toxic substances disclosure to employee act.

Xylene is listed with Massachusetts Right to Know.

Xylene is listed with Minnesota Right to Know.

Xylene is listed with New Jersey Right to Know.

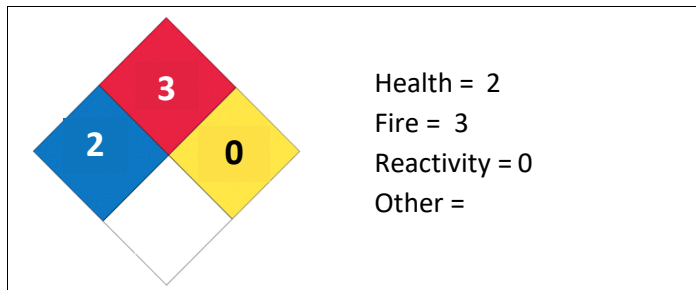
Xylene is listed with Pennsylvania Right to Know.

Xylene is listed with Rhode Island Right to Know.

HMIS Rating (0 - 4)

| | | |
|----------------------------|----------|-------------------------|
| HEALTH | 2 | Health = 2 |
| FIRE | 3 | Fire = 3 |
| PHYSICAL | 1 | Physical = 1 |
| PERSONAL PROTECTION | G | 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 |
| IDLH | Immediately Dangerous to Life or Health |
| MAK | Maximum Allowable Concentration (German) |
| 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

This Safety Data Sheet (SDS) is prepared in compliance with GHS Hazcom 2012. The information may be based in part on information provided by component suppliers and is believed to be correct as of the date hereof. However, no warranty or merchantability, fitness for any use, or any other warranty is expressed or is to be implied regarding the accuracy of this data, the results to be obtained from the use of the material, or the hazards connected with such use. Since the information contained herein may be applied under conditions beyond our control and with which we may be unfamiliar, and since data made available subsequent to the date hereof may suggest modification of the information, we assume no responsibility for the result of its use. This information and material is furnished on the condition that the person receiving it shall make his/her own determination as the suitability of the material for his/her particular purpose and on the condition that he/she assume the risk of his/her use thereof.