# SAFETY DATA SHEET
# MISSION MODELS REDUCER
**5/31/16**

## SECTION I – IDENTIFICATION OF THE PREPARATION AND OF THE COMPANY

Product Name:

Effective Date: 5/16/16

Manufacturer or Distributor:

MISSION MODELS
PREMIUM HOBBY PAINTS

Information Telephone Number: 818 929 9253

Emergency Telephone Number: 818 929 9253

For Health Emergencies: 818 929 9253 **Poison Control Center: 1-888-516-2502**

Product Use: Acrylic Paint Thinner / Reducer Art Material – Consumer Product

## SECTION II – HAZARDS IDENTIFICATION

Emergency Overview

## CAUTION! EYE IRRITANT.

Classification of the Product: Hazardous product

Pictogram:

GHS07

Signal Word Code(s): CAUTION!

Hazard Statement: EYE IRRITANT.

Precautionary Statements: Avoid contact with eyes, skin and clothing. Do not eat, drink or smoke when using this product. Avoid release to the environment.

Children Statement: KEEP OUT OF REACH OF CHILDREN.

NFPA Rating: Health 1
Flammability 0
Reactivity 0 – Stable

HMIS Rating: Health 2 – Moderate Hazard
Flammability 0 – Minimal Hazard
Physical Hazard 0 – Minimal Hazard

Regulation (EC) No. 1272/2008: Eye Irritant 2 (H319)

## SECTION III – COMPOSITION / INFORMATION ON INGREDIENTS

**Substances:**

| | |
|---|---|
| Mixture of the following chemicals: | 2-Butoxyethanol (CAS No. 111-76-2) ---- 10.00-15.00%<br>Ethylene glycol (CAS 107-21-1) ------- Less than 1%<br>The remainder of the formulation is composed of non-hazardous ingredients. |
| *Risk and Safety Phrases:* | Ingredients are marked according to CLP Regulation (CLP-Regulation (EC) No 1272/2008) and according to DSD (Dangerous Substances Directive (67/548/EEC)) and DPD (Dangerous Preparations Directive (1999/45/EC). These ingredients are regarded as trade secrets. |

## SECTION IV – FIRST AID MEASURES

| | |
|---|---|
| Inhalation: | If affected, remove to fresh air. |
| Skin Contact: | Wash thoroughly with soap and water, call a physician if symptoms persist. |
| Eye Contact: | Carefully flush with water for 15 minutes, call a physician. |
| Ingestion: | If swallowed, DO NOT induce vomiting, call a physician. |

## SECTION V – FIRE FIGHTING MEASURES

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|---|---|
| Extinguishing Media: | Water, foam, carbon dioxide or dry chemical equipment. |
| Fire/Explosion Hazards: | Not applicable |
| Flashpoint/Flammability: | Not flammable |

## SECTION VI – ACCIDENTAL RELEASE MEASURES

| | |
|---|---|
| Environmental Precautions: | This product should not be released in the environment. |
| Methods and Materials for Containment and Cleaning up: | Contain spill. Recover as much as possible. Absorb remainder with an inert material. Place into closed container and store in a safe location to await disposal. Wash the spill area with soap and water. |

## SECTION VII – HANDLING AND STORAGE

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|---|---|
| Safe Handling: | Use under ventilated conditions. Avoid eye and skin contact. Do not eat, drink or smoke when and after use. After use, always wash hands thoroughly with soap and water. Keep container closed when not in use. Keep container upright to prevent leakage. |
| Storage: | Store containers in a cool, dry, well ventilated area. Keep away from heat and other sources of ignition. |

## SECTION VIII - EXPOSURE CONTROLS / PERSONAL PROTECTION

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|---|---|
| Personal Protective Equipment: | Wear goggles where spills or splashing may occur. Wear water resistant impervious gloves if handling bulk amounts |
| Exposure Limits: | Not established for product as a whole. Below please find information for the individual hazardous ingredients. Please see legend on Section XVI. |
| Respiratory and Ventilation: | Wear approved NIOSH/MSHA respirator if exposure to mist or vapor exceed applicable PEL/TLV limits. Use in accordance with manufacturer's use limitations and OSHA STANDARD 1910-34. Local ventilation may be used to prevent routine inhalation. |

Skin Protection: Wear water resistant impervious gloves if handling bulk amounts.

Eye Protection: Wear goggles where spills or splashing may occur.

Occupational Exposure Limits:

| | | | |
|---|---|---|---|
| 2-Butoxyethanol | US (ACGIH) | TWA | 20 ppm |
| | US (OSHA) | TWA | 50 ppm (240 mg/m$^3$) |
| | US (NIOSH) | IDLH | 700 ppm |
| Ethylene Glycol | US (ACGIH) | CEILING | 100 mg/m3 aerosol only |

## SECTION IX – PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear liquid

Physical State: Liquid

VOC Content: 36.1 g/L Regulatory

Solids percentage: 0.13

Color: Colorless

Odor: Strong smell. (Pungent, ether - like)

Boiling Point: Not determined (Glycol Ether- 169 °C)

Freezing Point: Not determined (Glycol Ether = -70 °C)

State (pH): No data available

Specific Gravity: No data available

Viscosity: No data available

Flashpoint: Not determined

Vapor Pressure: Not determined

Vapor Density: Not determined

Solubility in water: Miscible

## SECTION X – STABILITY AND REACTIVITY

Chemical Stability: Stable

Stable Conditions to Avoid: Avoid all sources of ignition.

Incompatible Materials: Strong oxidizing agents, strong acids, strong bases, amines, ammonia, halogenated compounds.

Hazardous Decomposition Products: Carbon monoxide, carbon dioxide.

## SECTION XI – TOXICOLOGICAL INFORMATION

| | |
|---|---|
| Health Effects: | Studies have not been performed on this particular mixture. The information below is based on data on the individual ingredients only. |
| Oral: | LD50 > 5,000 mg/kg (rats) |
| Inhalation: | No data |
| Dermal: | Not a skin sensitizer |
| Eye Irritation: | Eye irritant |
| Skin Irritation: | Not a skin irritant |

## SECTION XII – ECOLOGICAL INFORMATION

| | |
|---|---|
| Aquatic toxicity: | Toxic to aquatic life with long lasting effects. |
| Persistence and degradability: | No information available. |
| Bio accumulative potential: | No information available. |
| Mobility in soil: | No information available. |
| Additional ecological information: | No information available. |

## SECTION XIII – DISPOSAL CONSIDERATIONS

Dispose of all waste material in accordance with all applicable federal, state and local regulations. This product waste is classified as hazardous waste by RCRA (40 CFR 261).

## SECTION XIV – TRANSPORTATION INFORMATION

**The following transportation categories do not apply to this mixture sold as a consumer use product (non-bulk).**

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|---|---|
| **DOT Non-Bulk:** | This regulation does not apply to the non-bulk material. |
| Shipping Name | Not regulated. |
| Technical Shipping Name | Not regulated. |
| Hazard Class | Not regulated. |
| UN Number | Not regulated. |
| Packing Group | |
| **IMDG** | Not regulated. |
| Shipping Name | Not regulated. |
| Technical Shipping Name | Not regulated. |
| Hazard Class | Not regulated. |
| UN Number | Not regulated. |
| Packing Group | Not regulated. |
| EmS Number | Not regulated. |
| Marine Pollutant | |
| **ICAO/IATA** | Not regulated. |
| Shipping Name | Not regulated. |
| Technical Shipping Name | Not regulated. |
| Hazard Class | Not regulated. |
| UN Number | Not regulated. |
| Packing Group | Not regulated. |
| Marine Pollutant | Not regulated. |

This information is not intended to convey all specific regulatory or operational requirements/information relating to this product. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the materials.

## SECTION XV – REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture.

| | |
|---|---|
| SARA: | Not applicable |
| Section 355 (extremely hazardous substances): | Not applicable |
| Section 313 (Specific toxic chemical listing): | 2-Butoxyethanol (Reporting Threshold 1%) |
| TSCA (Toxic Substance Control Act): | All ingredients are listed. |
| Proposition 65: | As of May 31, 2016 this product contains no listed substances known to the State of California to cause cancer, birth defects or other reproductive harm, at levels which would require a warning under the statue. |
| Chemicals known to cause cancer: | None of the ingredients are listed |
| Chemicals known to cause reproductive toxicity for females: | None of the ingredients are listed |
| Chemicals known to cause reproductive toxicity for males: | None of the ingredients are listed |
| Chemicals known to cause developmental toxicity: | None of the ingredients are listed |
| Carcinogenicity categories EPA (Environmental Protection Agency): | None |
| TLV (Threshold Limit Value established by ACGIH): | None |
| MAK (German Maximum Workplace Concentration): | None |
| NOISH-Ca (National Institute for Occupational Safety & Health): | None |
| OSHA-Ca (Occupational Safety & Health Administration): | None |

## SECTION XVI – OTHER INFORMATION

| | |
|---|---|
| Reason for Issue: | GHS Format |
| Prepared by: | Rudolph J. Jaeger, Ph.D., DABT, ERT (UK)<br>Chief Toxicologist and President<br>ENVIRONMENTAL MEDICINE, INC.<br>263 CENTER AVENUE<br>WESTWOOD, NJ 07675<br>jaegerr@envmed.com<br>201-666-7929 x13 |

*Abbreviations Legend:*
**H Statements:**
H319 - Causes serious eye irritation.

**Exposure Limits:**
TWA - Time Weighted Average (8 hr.)
STEL - Short Time Exposure Limit (15 min.)
REL - Recommended Exposure Limit
PEL - Permissible Exposure Limit
IDLH - Immediately Dangerous to Life or Health

## Brand Names

This SDS applies to the following brand names:

Mission Models Thinner MMA-002 and MMA-003 2 and 4oz bottles.