

Mobile Paint Mfg. Co., Inc.

SAFETY DATA SHEET OSHA HCS (29 CFR 1910-1200)

SECTION 1 - PRODUCT AND MANUFACTURER IDENTIFICATION

Product Name: MOPOXY H2O 200 WHITE Product Code: 69-AW-6A

Mobile Paint Mfg. Co., Inc.
P.O. Box 717
4775 Hamilton Blvd.
Theodore, AL 36582

Emergency Phone: Chemtel, Inc
1-800-255-3924
+1-813-248-0585
(Chemtel 24 Hour Emergency Number)

Information Phone: 251-443-6110
FAX: 251-408-0410

Product Use: Paint
Not recommended for: Contact Manufacturer

SECTION 2 - HAZARD DATA

GHS Ratings:

Skin corrosive 3 Reversible adverse effects in dermal tissue, Draize score: $\geq 1.5 < 2.3$

GHS Hazards

H316 Causes mild skin irritation

GHS Precautions

P332+P313 If skin irritation occurs: Get medical advice/attention

Signal Word: Warning



SECTION 3 - COMPOSITION / HAZARDOUS INGREDIENTS

Chemical Name	CAS number	Weight Concentration %
ethylene glycol monobutyl ether	111-76-2	5.20%
titanium dioxide	13463-67-7	20.00% - 30.00%
2-propoxy-ethanol	2807-30-9	1.00% - 5.00%
isopropanol	67-63-0	1.00% - 5.00%

SECTION 4 - FIRST AID MEASURES

Inhalation: Remove to fresh air. Administer oxygen if breathing is difficult. Restore breathing if necessary and call a physician immediately. Treat symptomatically.

Eyes: Remove contact lenses if worn. Flush immediately with large amounts of water for at least 15 minutes. If symptoms persist, consult with a doctor for medical treatment.

Skin: Wash affected areas with soap and water. Remove and launder contaminated clothing. Consult a doctor if skin irritation continues.

Ingestion: Do not induce vomiting. Rinse out mouth and drink plenty of water to dilute. Never give anything by mouth to an unconscious person. Get medical help immediately.

Most important symptoms and effects, both acute and delayed

Symptoms: No information available.

Indication of any immediate medical attention and special treatment needed

Note to physicians: Treat symptomatically

SECTION 5 - FIRE FIGHTING MEASURES

Flash Point: > 96 C (>205 F)

LEL: 1.00

UEL: 16.00

Extinguishing media

Suitable extinguishing agents:

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. CO₂, extinguishing powder or water spray may be effective.

For safety reasons unsuitable extinguishing agents: None known.

Unusual Fire and Explosion Hazards

Closed containers may burst when exposed to extreme heat. Application to hot surfaces requires special precautions. Full protective equipment including self-contained breathing apparatus should be used. Water may be used to cool closed containers.

Special hazards arising from the substance or mixture

Formation of toxic gases such as carbon dioxide and carbon monoxide is possible during heating or in case of fire.

Advice for firefighters

During emergency conditions overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention. Keep containers tightly closed.

Protective equipment:

Full protective equipment including self-contained breathing apparatus should be used.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Use respiratory protective device against the effects of fumes/dust/aerosol. Wear protective equipment. Keep unprotected persons away. Ensure adequate ventilation. Keep away from ignition sources. Protect from heat.

Environmental precautions: Do not allow to enter sewers/ surface or ground water. See Section 12 for additional ecological information.

Methods and material for containment and cleaning up:

Absorb with non-combustible liquid-binding material (sand, diatomite, acid binders, universal binders). Dispose contaminated material as waste according to item 13. Do not flush with water or aqueous cleansing agents. Send for recovery or disposal in suitable receptacles.

Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

SECTION 7 - HANDLING AND STORAGE

Handling Precautions:

Precautions for safe handling

Prevent formation of fine mist and vapor buildup during and after use. Avoid splashes or spray in enclosed areas. Use only in well ventilated areas. Do not get in eyes. Avoid skin contact. Prevent prolonged or repeated breathing of vapors or spray mist. Avoid breathing of sanding dust. Wash contaminated clothing thoroughly. Wash skin thoroughly

with soap and water after handling. Close container after each use. Do not transfer this product to unlabeled containers. Do not handle until the manufacturer's safety precautions have been read and understood. Keep out of reach of children.

Storage Requirements:

Do not store above 120 F. Store large quantities only in buildings designed to comply with OSHA 1910.106. Keep closures tight and container upright to prevent leakage. Do not store or use near heat, sparks or flame. Never use pressure to empty. Drums must not be washed out or used for other purposes. Drums of this material should be grounded when pouring.

Regulatory Requirements:

Consult NFPA Code. Use approved bonding and grounding procedures.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
ethylene glycol monobutyl ether 111-76-2	PEL: 50 ppm	20 ppm TWA 5 ppm Recommended exposure limit	Not Established
titanium dioxide 13463-67-7	PEL 15 mg/cu.m. 8 hours Form: Total dust	TLV 10 mg/cu.m. 8 hours	Not Established
2-propoxy-ethanol 2807-30-9	Not Established	Not Established	Not Established
isopropanol 67-63-0	TWA 400 ppm	TWA 200 ppm STEL 400 ppm	Not Established

Engineering Controls:

Appropriate engineering controls include ventilations systems, eyewash stations and emergency showers. If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

Ventilation:

All application areas should be ventilated in accordance to OSHA regulation 29 CFR 1910.94, 1910.107, 1910.108. Remove decomposition products formed during welding or flame cutting on surface coated with this product. If baking, vent fumes.

Work / Hygenic Practices:

Wash skin thoroughly before breaks and meals and at the end of work period .

Respiratory Protection:

Use a NIOSH-approved respirator to prevent overexposure, when exposure exceeds occupational exposure limits (Section II). Use either an atmosphere-supplying respirator or an air-purifying respirator for organic vapors in compliance with 29 CFR 1910.134, with provision for mist removal if conditions so indicate.

Eye Protection:

Safety eyewear including splashguards or side shields recommended.

Protective Gloves:

Recommended. The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Selection of the glove material should be based on consideration of the penetration times, rates of diffusion and the degradation

Other Protective Clothing or Equipment:

Use protective outerwear and prevent prolonged skin contact with contaminated clothing.

Contaminated Equipment:

Thoroughly clean all contaminated clothing and personal protection equipment.

SECTION 9 - PHYSICAL / CHEMICAL CHARACTERISTICS

Information on basic physical and chemical properties

<p>Appearance: Liquid</p> <p>Vapor Pressure: 7.3 mm Hg @ 25C</p> <p>Vapor Density: 3.8</p> <p>Specific Gravity: 1.38</p> <p>Freezing point: No information available</p> <p>Boiling range: 83°C</p>	<p>Odor: Epoxy paint odor</p> <p>Odor threshold: No information available</p> <p>pH: No information available</p> <p>Melting point: No information available</p> <p>Solubility: No information available</p> <p>Flash point: 205 F,96 C</p>
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<p>Evaporation rate: slower than ether</p> <p>Partition coefficient (n- no data octanol/water):</p> <p>Decomposition temperature: No information available</p> <p>VOC - water/exempt (g/L) 328</p> <p>VOC emitted (g/L) 177</p>	<p>Flammability: No information available</p> <p>Autoignition temperature: N/A</p> <p>Viscosity: No information available</p> <p>VOC - water/exempt (lb/gal) 2.73</p> <p>VOC emitted (lb/gal) 1.47</p>
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SECTION 10 - STABILITY AND REACTIVITY

Reactivity - No data available

Chemical stability - Stable under recommended storage conditions.
 STABLE

Possibility of Hazardous Reactions - None under normal conditions of use.

Conditions to Avoid - None under normal conditions of use.

Incompatible Materials - No data available

Incompatibility of individual components:
 No information available

Hazardous decomposition products - Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Information for individual components:
 No information available
 Hazardous polymerization will not occur.

SECTION 11 - TOXICOLOGICAL INFORMATION

Mixture Toxicity
 Inhalation Toxicity LC50: 23mg/L

Component Toxicity

111-76-2	ethylene glycol monobutyl ether Oral LD50: 745 mg/kg (Rat) Dermal LD50: 1,250 mg/kg (Rat) Inhalation LC50: 550 ppm (Rat)
2807-30-9	2-propoxy-ethanol Oral LD50: 3,089 mg/kg (rat) Dermal LD50: 1,337 mg/kg (rabbit) Inhalation LC50: 1,530 ppm (mo)

Routes of Entry:
 Inhalation Skin Contact Eye Contact Ingestion

Target Organs:
 Kidneys Lungs

Effects of Overexposure

Eye contact: Eye contact can cause mild irritation, redness, tearing, blurred vision. May be a sensitizer in individuals with unusual allergic sensitivity.

Skin contact: Skin contact can cause mild irritation, defatting, dermatitis. May be a sensitizer in individuals with unusual allergic sensitivity.

Inhalation: Excessive inhalation can cause irritation of the respiratory tract. Headache, slight dizziness and nausea possible in individuals with unusual allergic sensitivity.

Ingestion: Ingestion can cause gastrointestinal irritation and nausea.

Sensitization: No data available.

Mutagenicity: No data available.

Reproductive Toxicity: No data available.

Teratogenicity: No data available.

Specific Target No data available.

**Organ Toxicity -
Single Exposure:**

Specific Target No data available.

**Organ Toxicity -
Repeated Exposure:**

Carcinogenicity:

For Mixture - No information available

For Components - The following chemicals comprise 0.1% or more of this mixture and are listed and/or classified as carcinogens or potential carcinogens by NTP, IARC, OSHA (mandatory listing), or ACGIH (optional listing).

<u>CAS Number</u>	<u>Description</u>	<u>% Weight</u>	<u>Carcinogen Rating</u>
None			No information available

SECTION 12 - ECOLOGICAL INFORMATION

Persistence and degradability - No information available.

Bioaccumulative potential - No information available.

Mobility in soil - No information available.

Ecotoxic effects - No information available.

Other adverse effects - No information available.

Additional ecological information:

General notes:

Do not allow product to reach ground water, water course or sewage system. Danger to drinking water if even small quantities leak into the ground.

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

Component Ecotoxicity

ethylene glycol monobutyl ether 96 Hr. LC50 (Oncorhynchus mykiss (rainbow trout)) 1,474 mg/l (static); 48 Hr. EC50 (Daphnia magna (Water flea)) 1,800 mg/l (static); 72 Hr EC50 (Pseudokirchneriella subcapitata (green algae)) 911 mg/l (static);

2-propoxy-ethanol LC50 pimephales promelas (fathead minnow): >5000 mg/l @ 96h; LC50 Daphnia magna (water flea): >5000 mg/l @ 48h; EC50 pseudokirchneriella subcapitata (algae): >100 mg/l @ 72h; IC50 bacteria: >1000 mg/l @ 16h

isopropanol LC50, 96 hr: (Pimephales promelas (fathead minnow)) >1,000 mg/l
LC50, 48 hr: (Daphnia magna (Water flea)) >100 mg/l

SECTION 13 - DISPOSAL CONSIDERATIONS

Waste disposal methods:

Waste from this product may be hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Residual materials should be treated as hazardous unless proven to be otherwise.

Notice to user:

The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and nonhazardous wastes.

Empty Container Warning:

Emptied containers may contain product residue. Follow label warnings even after container is emptied. Do not reuse container.

SECTION 14 - TRANSPORT INFORMATION

Shipping descriptions are provided for informational purposes and do not consider container sizes. The presence of a shipping description for a particular mode of transportation does not indicate that the product is packaged suitably for

that mode of transport. All packaging must be reviewed for suitability prior to shipment and compliance with applicable regulations is the sole responsibility of the person offering the product for transport .

<u>Agency</u>	<u>Proper Shipping Name</u>	<u>UN Number</u>	<u>Packing Group</u>	<u>Hazard Class</u>
DOT	Paint, non-hazardous	Not regulated		

SECTION 15 - REGULATORY INFORMATION

California Proposition 65

This product contains the following chemicals which are listed by the State of California as carcinogenic or a reproductive toxin:

13463-67-7 titanium dioxide

CERCLA

This material, as supplied, contains the following chemicals regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) - 40 CFR 302

111-76-2 ethylene glycol monobutyl ether

Florida Hazardous Substance List :

- None

Hazardous Air Pollutants (HAPs) Content

Hazardous Air Pollutants subject to the provisions of the Clean Air Act, Title I Section 112 'National Emission Standards for Hazardous Air Pollutants'

2807-30-9 2-propoxy-ethanol 1 to 5 %

Massachusetts RTK:

isopropanol 67-63-0

ethylene glycol monobutyl ether 111-76-2

New Jersey RTK:

isopropanol 67-63-0

2-propoxy-ethanol 2807-30-9

ethylene glycol monobutyl ether 111-76-2

Pennsylvania RTK:

isopropanol 67-63-0

2-propoxy-ethanol 2807-30-9

ethylene glycol monobutyl ether 111-76-2

titanium dioxide 13463-67-7

SARA 313

This product contains a chemical or chemicals which are subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA 313).

111-76-2 ethylene glycol monobutyl ether 5.2 %

TSCA

All chemicals in this product are listed, or are exempt from listing, on the TSCA inventory unless they are listed here:

SECTION 16 - OTHER INFORMATION

WARNING! If you scrape, sand or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear NIOSH-approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and wet mop. Before you start, find out how to protect yourself and your family by contacting the National lead Information Hotline at 1-800-424-LEAD (5323) or log on to: www.epa.gov/lead

Hazardous Material Information System (HMIS)

HEALTH	<input type="text"/>	1	HMIS & NFPA Hazard Rating Legend * = Chronic Health Hazard 0 = INSIGNIFICANT 1 = SLIGHT 2 = MODERATE 3 = HIGH
FLAMMABILITY	<input type="text"/>	1	
PHYSICAL HAZARD	<input type="text"/>	0	
PERSONAL PROTECTION	<input type="text"/>		

DISCLAIMER: The information provided in this MSDS has been obtained from sources believed to be accurate and reliable. It is furnished without warranty of any kind, express or implied. Recipients should determine that the information is current and suitable for the protection of the environment and the health and safety of your employees and users of this product.

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Reviewer Revision 1

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