

Mobile Paint Mfg. Co., Inc.

SAFETY DATA SHEET

OSHA HCS (29 CFR 1910-1200)

SECTION 1 - PRODUCT AND MANUFACTURER IDENTIFICATION

Product Name: MOSPRAYCO - CLEAR ACRYLIC PLASTIC Product Code: 131-30A

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:

Flammable aerosol	1	Flammable aerosol class 1
Skin corrosive	2	Reversible adverse effects in dermal tissue, Draize score: \geq 2.3 < 4.0 or persistent inflammation
Eye corrosive	2A	Eye irritant: Subcategory 2A, Reversible in 21 days
Carcinogen	2	Limited evidence of human or animal carcinogenicity
Reproductive toxin	2	Human or animal evidence possibly with other information
Organ toxin single exposure	3	Transient target organ effects- Narcotic effects- Respiratory tract irritation
Organ toxin repeated exposure	2	Presumed to be harmful to human health- Animal studies with significant toxic effects relevant to humans at generally moderate exposure (guidance)- Human evidence in exceptional cases
Aspiration hazard	1	Aspiration Toxicity Category 1: Known (regarded)- human evidence - hydrocarbons with kinematic viscosity \geq 20.5 mm ² /s at 40° C.

GHS Hazards

H222	Extremely flammable material
H280	Contains gas under pressure; may explode if heated
H304	May be fatal if swallowed and enters airways
H315	Causes skin irritation
H319	Causes serious eye irritation
H336	May cause drowsiness or dizziness
H351	Suspected of causing cancer
H361	Suspected of damaging fertility or the unborn child
H373	May cause damage to organs through prolonged or repeated exposure

GHS Precautions

P201	Obtain special instructions before use
P202	Do not handle until all safety precautions have been read and understood
P210	Keep away from heat/sparks/open flames/hot surfaces – No smoking
P211	Do not spray on an open flame or other ignition source
P251	Pressurized container – Do not pierce or burn, even after use

P260	Do not breathe dust/fume/gas/mist/vapours/spray
P261	Avoid breathing dust/fume/gas/mist/vapours/spray
P271	Use only outdoors or in a well-ventilated area
P280	Wear protective gloves/protective clothing/eye protection/face protection
P281	Use personal protective equipment as required
P312	Call a POISON CENTER or doctor/physician if you feel unwell
P314	Get Medical advice/attention if you feel unwell
P331	Do NOT induce vomiting
P362	Take off contaminated clothing and wash before reuse
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
P302+P352	IF ON SKIN: Wash with soap and water
P304+P340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
P305+P351+P338	IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing
P308+P313	IF exposed or concerned: Get medical advice/attention
P332+P313	If skin irritation occurs: Get medical advice/attention
P337+P313	Get medical advice/attention
P405	Store locked up
P403+P233	Store in a well ventilated place. Keep container tightly closed
P410+P403	Protect from sunlight. Store in a well ventilated place
P410+P412	Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F
P501	Dispose of contents/container in accordance with all local, regional, national and international regulations.

Signal Word: Danger



SECTION 3 - COMPOSITION / HAZARDOUS INGREDIENTS

Chemical Name	CAS number	Weight Concentration %
n-butane	106-97-8	10.00% - 20.00%
toluene	108-88-3	21.70%
n-butyl acetate	123-86-4	10.00% - 20.00%
acetone	67-64-1	5.00% - 10.00%
propane	74-98-6	10.00% - 20.00%
methyl ethyl ketone	78-93-3	10.00% - 20.00%

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: < -18 C (<0 F)

LEL: 1.00

UEL: 13.00

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: **CAUTION!** Use of water spray may be inefficient.

Unusual Fire and Explosion Hazards

Extremely flammable aerosol. If in a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. Gas may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back, causing fire or explosion. Bursting aerosol containers may be propelled from a fire at high speed. Runoff to sewer may create fire or explosion hazard.

Full protective equipment including self-contained breathing apparatus should be used. Water spray may be ineffective. If water is used, fog nozzles are preferable. Water may be used to cool closed containers.

Special hazards arising from the substance or mixture

Formation of toxic gases 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. Isolate from heat, sparks, and open flame.

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. Can cause allergic respiratory reaction. Can cause allergic skin reaction. 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.

Information about protection against explosions and fires:

Keep ignition sources away. Do not smoke. Protect against electrostatic discharges.

Storage Requirements:

Pressurized container: Protect from direct sunlight and do not expose to temperatures 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. Empty containers may contain product residue or residual pressure and can be hazardous.

Regulatory Requirements:

Consult NFPA Code. Use approved bonding and grounding procedures.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION
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Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
n-butane 106-97-8	Not Established	TLV STEL 1000 ppm	Not Established
toluene 108-88-3	TWA 200 ppm, 8 hrs. Ceil: 300 ppm Peak: 500 ppm	TWA 20 ppm, 8 hrs.	Not Established
n-butyl acetate 123-86-4	Z1 TWA 150ppm/710mg/m3 PO TWA 150ppm/710mg/m3 PO STEL 200ppm/950mg/m3	TWA 150 ppm STEL 200 ppm	NIOSH ST 200ppm/950mg/m3 TWA 150ppm/710mg/m3
acetone 67-64-1	TWA Z1 500 ppm TWA PO 750 ppm STEL PO 1000 ppm	TWA 500 ppm STEL 750 ppm	Not Established
propane 74-98-6	PEL TWA 1000 ppm	Not Established	Not Established
methyl ethyl ketone 78-93-3	TWA 200 ppm TWA 590 mg/m3	TWA 200 ppm STEL 300 ppm	Not Established

Engineering Controls:

Appropriate engineering controls include ventilations systems, eyewash stations and emergency showers.

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 / Hygienic 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
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Information on basic physical and chemical properties

Appearance: Liquid	Odor: Typical solvent paint odor
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<p>Vapor Pressure: 67.0 mmHg@20C</p> <p>Vapor Density: 2.5</p> <p>Specific Gravity: 0.76</p> <p>Freezing point: No information available</p> <p>Boiling range: -32°C</p> <p>Evaporation rate: slower than ether</p> <p>Partition coefficient (n- no data octanol/water):</p> <p>Viscosity: No information available</p> <p>VOC - water/exempt (lb/gal) 5.36</p> <p>VOC emitted (lb/gal) 4.86</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: 0 F,-18 C</p> <p>Flammability: No information available</p> <p>Decomposition temperature: No information available</p> <p>VOC - water/exempt (g/L) 643</p> <p>VOC emitted (g/L) 584</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 - Heat, sparks, open flame, static electricity, sources of ignition, elevated temperatures .

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: 62mg/L

Component Toxicity

108-88-3	toluene Dermal LD50: 5,000 mg/kg (rabbit) Inhalation LC50: 28 mg/L (rat)
123-86-4	n-butyl acetate Inhalation LC50: 21 mg/L (rat)
67-64-1	acetone Inhalation LC50: 76 mg/L (rat)
78-93-3	methyl ethyl ketone Oral LD50: 2,737 mg/kg (rat) Inhalation LC50: 320 mg/L (mouse)

CHRONIC HEALTH HAZARDS:
Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage.

Routes of Entry:

Inhalation	Skin Contact	Eye Contact	Ingestion
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Target Organs:

Eyes	Lungs	Central Nervous System	Skin
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Effects of Overexposure

Eye contact: Eye contact can cause severe irritation, redness, tearing, blurred vision. May be a sensitizer in some individuals.

Skin contact: Skin contact can cause moderate irritation, defatting, dermatitis. May be a sensitizer in some individuals.

Inhalation: Anesthetic, excessive inhalation can cause irritation of the respiratory tract, or acute nervous system depression characterized by headache, dizziness, staggering gait, confusion, unconsciousness, coma and even asphyxiation.

Ingestion: Ingestion can cause gastrointestinal irritation, nausea, vomiting and diarrhea. Aspiration into the lungs during ingestion or vomiting may cause mild to severe pulmonary injury and possibly even death.

Sensitization: No data available.

Mutagenicity: No data available.

Reproductive Toxicity: No data available.

Teratogenicity: No data available.

Specific Target Organ Toxicity - Single Exposure: No data available.

Specific Target Organ Toxicity - Repeated Exposure: No data available.

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

n-butyl acetate	LC50 (Pimephales promelas (fathead minnow)):18mg/l @ 96 h; EC50 (Daphnia magna (water flea)):44 mg/l @ 48 h; EC50 (Desmodesmus subspicatus (green algae)):674.7 mg/l @ 72 h; NOEC (Daphnia magna (water flea)): 23 mg/l @ 21d; EC 50 (Tetrahymena pyriformis (Ciliate)): 356 mg/l @ 40h
acetone	LC50 Oncorhynchus mykiss (rainbow trout): 6100 mg/l @ 48h; EC50 Daphnia magna (water flea): 7630 mg/l @ 48h

methyl ethyl ketone

LC50, 96 hr: (Pimephales promelas (fathead minnow)): >100 mg/9

EC50, 48 hr: (Daphnia magna (Water flea)): >100 mg/l

EC50, 96 hr: (Pseudokirchneriella subcapitata (green alga)): >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 and may still be under pressure. Follow label warnings even after container is emptied. Residual vapors may explode on ignition. Do not reuse container. Do not puncture or incinerate 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	AEROSOLS	UN1950	-	2.1
	Special provision for limited quantities			

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:

108-88-3 toluene

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

67-64-1 acetone

123-86-4 n-butyl acetate

78-93-3 methyl ethyl ketone

108-88-3 toluene

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'

108-88-3 toluene 21.7 %

Massachusetts RTK:

acetone 67-64-1

n-butyl acetate 123-86-4

methyl ethyl ketone 78-93-3

toluene 108-88-3

New Jersey RTK:

acetone 67-64-1

n-butyl acetate 123-86-4

methyl ethyl ketone 78-93-3

toluene 108-88-3

Pennsylvania RTK:

acetone 67-64-1
n-butyl acetate 123-86-4
methyl ethyl ketone 78-93-3
toluene 108-88-3

Rhode Island Hazardous Substance List:

- None

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).

108-88-3 toluene 21.7 %

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

Hazardous Material Information System (HMIS)

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

Date Prepared: 11/17/2015