# Mobile Paint Mfg. Co., Inc.

## SAFETY DATA SHEET

#### OSHA HCS (29 CFR 1910-1200)

#### **SECTION 1 - PRODUCT AND MANUFACTURER IDENTIFICATION**

Product Name: RUS KIL NEW CAT YELLOW #2 Product Code: 10-59AEROSOL

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:**

<u></u>				
Flammable liquid	1	Flash point < 23°C and initial boiling point <= 35°C (95°F)		
Skin corrosive	2	Reversible adverse effects in dermal tissue, Draize score: >=		
		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		
Aspiration hazard	1	Aspiration Toxicity Category 1: Known (regarded)- human		
		evidence - hydrocarbons with kinematic viscosity ? 20.5		
		mm2/s at 40° C.		
GHS Hazards				
H224	Extremely flan	nmable liquid and vapour		
H304	May be fatal if	swallowed and enters airways		
H315	Causes skin ir	ritation		
H319	Causes seriou	is eye irritation		
H351	Suspected of	Suspected of causing cancer		
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			
P233	Keep containe	er tightly closed		
P240	Ground/bond	container and receiving equipment		
P241	Use explosion-proof electrical/ ventilating/ lighting/ equipment			
P242	Use only non-sparking tools			
P243	Take precautionary measures against static discharge			
P264	Wash hands and skin thoroughly after handling			
P280	Wear protective gloves/protective clothing/eye protection/face protection			
P281	Use personal protective equipment as required			
P321	Specific treatment (see information on this label)			
P331	Do NOT induc	e vomiting		
P362	Take off conta	minated clothing and wash before reuse		
P301+P310	IF SWALLOW	ED: Immediately call a POISON CENTER or doctor/physician		
P302+P352	IF ON SKIN: V	Vash with soap and water		

P303+P361+P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
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
P370+P378	In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction
P405	Store locked up
P403+P235	Store in a well ventilated place. Keep cool
P501	Dispose of contents/container in accordance with all local, regional, national and international regulations.



SECTION 3 - COMPOSITION / HAZARDOUS INGREDIENTS				
Chemical Name	CAS number	Weight Concentration %		
ethyl benzene	100-41-4	0.27%		
n-butane	106-97-8	10.00% - 20.00%		
ethylene glycol monobutyl ether	111-76-2	1.40%		
n-butyl acetate	123-86-4	5.00% - 10.00%		
xylene, mixed isomers	1330-20-7	1.80%		
titanium dioxide	13463-67-7	1.00% - 5.00%		
iron oxide yellow	51274-00-1	1.00% - 5.00%		
aliphatic petroleum solvent naphtha	64742-88-7	5.00% - 10.00%		
aliphatic naphtha (VM&P)	64742-89-8	5.00% - 10.00%		
aromatic light petroleum solvent	64742-95-6	1.00% - 5.00%		
acetone	67-64-1	20.00% - 30.00%		
propane	74-98-6	10.00% - 20.00%		
aliphatic naphtha (VM&P)	8032-32-4	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 physian 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 unconcious person. Get medical help immediately.

Most important symptoms and effects, both acute and delayed

#### **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					
Chemical Name / CAS No. OSHA Exposure Limits ACGIH Exposure Limits Other Expo					
ethyl benzene 100-41-4	TLV-TWA 100ppm PEL-TWA 100ppm STEL 125 ppm	TWA 20ppm	NIOSH REL TWA 100ppm NIOSH REL ST 125ppm		
n-butane 106-97-8	Not Established	TLV STEL 1000 ppm	Not Established		
ethylene glycol monobutyl ether 111-76-2	PEL: 50 ppm	0 ppm 20 ppm TWA No 5 ppm Recommended exposure limit			
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		
xylene, mixed isomers 1330-20-7	PEL 100 ppm	TLV 100 ppm	TWA 435 mg/cu.m.		
titanium dioxide 13463-67-7	PEL 15 mg/cu.m. 8 hours Form: Total dust	TLV 10 mg/cu.m. 8 hours	Not Established		
iron oxide yellow 51274-00-1	PEL 10 mg/m3 fumes 5 mg/m3 respirable dust	TLV 10 mg/m3 total dust (as Fe) 5 mg/m3 respirable dust (as Fe)	Not Established		
aliphatic petroleum solvent naphtha 64742-88-7	Not Established	Not Established	Not Established		
aliphatic naphtha (VM&P) 64742-89-8	Not Established	Not Established	Not Established		
aromatic light petroleum solvent 64742-95-6	TWA 500 ppm 2000 mg/m3	TWA 200 mg/m3 (as total hydrocarbon vapor)	Not Established		
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		
aliphatic naphtha (VM&P) 8032-32-4	Not Established	Not Established	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 / 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

Appearance: Liquid	<b>Odor:</b> Typical solvent paint odor
Vapor Pressure: 80.1 mmHg @ 25C	Odor threshold: No information available
Vapor Density: 2.3	<b>pH:</b> No information available
Specific Gravity: 0.75	Melting point: No information available
Freezing point: No information available	Solubility: No information available
Boiling range: -32°C	Flash point: 0 F,-18 C
Evaporation rate: slower than ether	Flammability: No information available
Partition coefficient (n- no data octanol/water):	Autoignition temperature: N/A
Decomposition temperature: No information available	Viscosity: No information available
VOC - water/exempt (g/L) 577	VOC - water/exempt (lb/gal) 4.81
VOC emitted (g/L) 465	VOC emitted (lb/gal) 3.87

#### **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: 47mg/L

Component Toxicity 100-41-4

100-41-4 ethyl benzene

	Oral LD50: 3,500 mg/kg (rat) Inhalation LC50: 4,000 ppm (rat)
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)
123-86-4	n-butyl acetate Inhalation LC50: 21 mg/L (rat)
1330-20-7	xylene, mixed isomers Oral LD50: 3,523 mg/kg (Rat, male)  Dermal LD50: 1,700 mg/kg (Rabbit)
64742-88-7	aliphatic petroleum solvent naphtha Dermal LD50: 3,000 mg/kg (rabbit) Inhalation LC50: 6 mg/L (rat)
64742-89-8	aliphatic naphtha (VM&P) Dermal LD50: 2,001 mg/kg (rabbit)
64742-95-6	aromatic light petroleum solvent Oral LD50: 5,000 mg/kg (rat)  Dermal LD50: 2,000 mg/kg (rabbit)
67-64-1	acetone Inhalation LC50: 76 mg/L (rat)
8032-32-4	aliphatic naphtha (VM&P) Dermal LD50: 2,001 mg/kg (rabbit)

#### CHRONIC HEALTH HAZARDS:

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

Routes of Entry						
Inhalation		ontact	Eye Contact	Ingestion		
Target Organs:			,	3		
Eyes	Kidneys	Lungs	Central Nervo	ous System	Skin	
Effects of Overe	xposure					
Eye contact:		sensitizer in s	can cause severe ir some individuals. E n. May be a sensitiz	ye contact can ca	use mild irritation	n, redness, tearing,
Skin contact:		some individ	Skin contact can cause moderate iritation, defatting, dermatitis. May be a sensitizer in some individuals. Skin contact can cause mild iritation, defatting, dermatitis. May be a sensitizer in individuals with unusual allergic sensitivity.			
Inhalation:		nervous syste confusion, ur cause irritatio	excessive inhalation em depression chan nconsciousness, co on of the respiratory ndividuals with unus	acterized by head ma and even asph tract. Headache,	dache, dizziness nyxiation. Exces , slight dizziness	, staggering gait, sive inhalation can
Ingestion:		Aspiration int	n cause gastrointest to the lungs during i jury and possibly ev nausea.	ngestion or vomiti	ing may cause n	nild to severe
Sensitization:		No data avai	lable.			
Mutagenicity:		No data avai	lable.			
Reproductive Toxicity:		No data avai	lable.			
Teratogenicity	/:	No data avai	lable.			
Specific Targe Organ Toxicit Single Exposi	y -	No data avai	lable.			

Specific Target **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). Note: Reference to ethyl benzene refers to IARC classification of ethyl benzene as possibly carcinogenic to humans (Group 2B) based on sufficient evidence in experimental animals but there is inadequate evidence that ethyl benzene causes cancer in humans.

<u>CAS Number</u>	<u>Description</u>	<u>% Weight</u>	Carcinogen Rating		
100-41-4	ethyl benzene	0.27	ethyl benzene: IARC: Group 2B -		
			Possibly carcinogenic to humans		
			ACGIH: Confirmed animal		
			carcinogen with unknown relevance		
			to humans		
			OSHA: Not identified as a		
		carcinogen or possible carcinogen			
			NTP: Not identified as a known or		
			anticipated carcinogen		
SECTION 12 - ECOLOGICAL INFORMATION					

Persistence and degradability - No information available. Bioaccumulative potential - No information available. Mobility in soil - No information available. Ecotoxical 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);
n-butyl acetate	LC50 (Pimephales promelas (fathead minnow)):18mg/I @ 96 h; EC50 (Daphnia magna (water flea)):44 mg/I @ 48 h; EC50 (Desmodesmus subspicatus (green algae)):674.7 mg/I @ 72 h; NOEC (Daphnia magna (water flea)): 23 mg/I @ 21d; EC 50 (Tetrahymena pyriformis (Ciliate)): 356 mg/I @ 40h
xylene, mixed isomers	<ul> <li>96 Hr LC50 Pimephales promelas: 13.4 mg/L [flow-through]; 96 Hr LC50</li> <li>Oncorhynchus mykiss: 2.661 - 4.093 mg/L [static]; 96 Hr LC50 Oncorhynchus mykiss: 13.5 - 17.3 mg/L; 96 Hr LC50 Lepomis macrochirus: 13.1 - 16.5 mg/L</li> <li>[flow-through]; 96 Hr LC50 Lepomis macrochirus: 19 mg/L; 96 Hr LC50 Lepomis macrochirus: 7.711 - 9.591 mg/L [static]; 96 Hr LC50 Pimephales promelas:</li> <li>23.53 - 29.97 mg/L [static]; 96 Hr LC50 Cyprinus carpio: 780 mg/L [semi-static];</li> <li>96 Hr LC50 Cyprinus carpio: &gt;780 mg/L; 96 Hr LC50 Poecilia reticulata: 30.26 - 40.75 mg/L [static]</li> <li>48 Hr EC50 water flea: 3.82 mg/L; 48 Hr LC50 Gammarus lacustris: 0.6 mg/L</li> </ul>
iron oxide yellow	LC50 danio rerio: >100,000 mg/l @ 96h

#### 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>	Packing Group	Hazard Class
DOT	AEROSOLS	1950		2.1
	Special provision for limited quantity - CONSUMER COM	MODITY ORM-D		

#### **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:

100-41-4 ethyl benzene 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

100-41-4 ethyl benzene 111-76-2 ethylene glycol monobutyl ether 1330-20-7 xylene, mixed isomers 123-86-4 n-butyl acetate 67-64-1 acetone

#### Florida Hazardous Substance List :

ethyl benzene 100-41-4

#### 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'

100-41-4 ethyl benzene 0.3 % 1330-20-7 xylene, mixed isomers 1.8 %

#### Massachusetts RTK:

ethyl benzene 100-41-4 ethylene glycol monobutyl ether 111-76-2 xylene, mixed isomers 1330-20-7 n-butyl acetate 123-86-4 acetone 67-64-1

#### New Jersey RTK:

ethyl benzene 100-41-4 aromatic light petroleum solvent 64742-95-6 ethylene glycol monobutyl ether 111-76-2 xylene, mixed isomers 1330-20-7 aliphatic petroleum solvent naphtha 64742-88-7 aliphatic naphtha (VM&P) 64742-89-8 n-butyl acetate 123-86-4 acetone 67-64-1

#### Pennsylvania RTK:

ethyl benzene 100-41-4 aromatic light petroleum solvent 64742-95-6 ethylene glycol monobutyl ether 111-76-2 xylene, mixed isomers 1330-20-7 titanium dioxide 13463-67-7 aliphatic naphtha (VM&P) 64742-89-8 n-butyl acetate 123-86-4 acetone 67-64-1

#### **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).

100-41-4 ethyl benzene 0.3 % 111-76-2 ethylene glycol monobutyl ether 1.4 % 1330-20-7 xylene, mixed isomers 1.8 %

#### 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)



HMIS & NFPA Hazard Rating Legend \* = Chronic Health Hazard 0 = INSIGNIFICANT 1 = SLIGHT 2 = MODERATE 3 = HIGH

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.

**Reviewer Revision 1** 

Date Prepared: 4/19/2017