

## Safety Data Sheet

Printing date 02/05/2018

Revised On 02/05/2018

## 1 Identification of the substance and manufacturer

**Trade name:** MARKS ALL RED APWA  
**Product code:** MARU1D  
**Recommended use:** Paint and coating applications.  
**Uses advised against:** Any that differs from the recommended use.  
**Manufacturer/Supplier:** Fox Valley Paint  
 5A Production Drive  
 Brookfield, CT 06804  
 phone: 844-627-5255  
 email: info@foxvalleypaint.com  
**Emergency telephone number:** 1-800-255-3924

## 2 Hazard(s) identification

### Classification of the substance or mixture

Flam. Aerosol 1 H222 Extremely flammable aerosol.  
 Press. Gas H280 Contains gas under pressure; may explode if heated.  
 Skin Irrit. 2 H315 Causes skin irritation.  
 STOT SE 3 H335 May cause respiratory irritation.  
 STOT RE 2 H373 May cause damage to organs through prolonged or repeated exposure.

### GHS Hazard pictograms



GHS02 GHS04 GHS07 GHS08

### Signal word

### Hazard statements

Danger  
 Extremely flammable aerosol.  
 Contains gas under pressure; may explode if heated.  
 Causes skin irritation.  
 May cause respiratory irritation.

### Precautionary statements

May cause damage to organs through prolonged or repeated exposure.  
 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.  
 Do not spray on an open flame or other ignition source.  
 Pressurized container: Do not pierce or burn, even after use.  
 Do not breathe dust/fume/gas/mist/vapors/spray.  
 Wash hands thoroughly after handling.  
 Use only outdoors or in a well-ventilated area.  
 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
 Call a poison center/doctor if you feel unwell.  
 Store in a well-ventilated place.  
 Store locked up.  
 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.  
 Dispose of contents/container in accordance with local/regional/national/international regulations.

## 3 Composition/information on ingredients

### Chemical characterization: Mixtures

**Chemical Description:** This product is a mixture of the substances listed below with nonhazardous additions.

### Dangerous components:

1317-65-3	Calcium Carbonate	21.29%
74-98-6	propane	17.01%
64742-89-8	VM&P Naphtha	15.11%
106-97-8	n-butane	9.99%
142-82-5	heptane	7.94%
64742-47-8	Mineral Spirits	6.53%
1330-20-7	xylene (mix)	2.61%
67-63-0	Isopropyl Alcohol	2.24%

## 4 First-aid measures

**After inhalation:** Supply fresh air; consult doctor in case of complaints.  
**After skin contact:** Remove contaminated clothing. Wash exposed area with soap and water.  
**After eye contact:** Rinse opened eye for several minutes under running water. Then consult a doctor.  
**After swallowing:** Rinse mouth with water. Do not induce vomiting.  
**Most important symptoms and effects:** Dizziness  
**Indication of any immediate medical attention needed:** No further relevant information available.

## 5 Fire-fighting measures

**Extinguishing agents:** CO2, extinguishing powder or water spray. Fight larger fires with water spray.  
**Special hazards:** Can form explosive gas-air mixtures.  
**Protective equipment for firefighters:** A respiratory protective device may be necessary.

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**6 Accidental release measures**

**Personal precautions, protective equipment and emergency procedures:**  
**Methods and material for containment and cleaning up:**

Use respiratory protective device against the effects of fumes/dust/aerosol.  
 Absorb liquid components with liquid-binding material.

**7 Handling and storage**

**Precautions for safe handling**  
**Storage requirements:**

Use only in well ventilated areas.  
 Keep away from sources of heat and direct sunlight. Do not warehouse in subfreezing conditions. Store locked up.

**8 Exposure controls/personal protection**

**Components with limit values that require monitoring at the workplace:**

**74-98-6 propane**

REL (USA) Long-term value: 1800 mg/m<sup>3</sup>, 1000 ppm  
 REL (USA) Long-term value: 1800 mg/m<sup>3</sup>, 1000 ppm  
 TLV (USA) refer to Appendix F in TLVs&BEIs book; D, EX

**106-97-8 n-butane**

REL (USA) Long-term value: 1900 mg/m<sup>3</sup>, 800 ppm  
 TLV (USA) Short-term value: 2370 mg/m<sup>3</sup>, 1000 ppm (EX)

**142-82-5 heptane**

REL (USA) Long-term value: 2000 mg/m<sup>3</sup>, 500 ppm  
 REL (USA) Long-term value: 350 mg/m<sup>3</sup>, 85 ppm  
 Ceiling limit value: 1800\* mg/m<sup>3</sup>, 440\* ppm \*15-min  
 TLV (USA) Short-term value: 2050 mg/m<sup>3</sup>, 500 ppm  
 Long-term value: 1640 mg/m<sup>3</sup>, 400 ppm

**1330-20-7 xylene (mix)**

REL (USA) Long-term value: 435 mg/m<sup>3</sup>, 100 ppm  
 REL (USA) Short-term value: 655 mg/m<sup>3</sup>, 150 ppm  
 Long-term value: 435 mg/m<sup>3</sup>, 100 ppm  
 TLV (USA) Short-term value: 651 mg/m<sup>3</sup>, 150 ppm  
 Long-term value: 434 mg/m<sup>3</sup>, 100 ppm  
 BEI

**67-63-0 Isopropyl Alcohol**

REL (USA) Long-term value: 980 mg/m<sup>3</sup>, 400 ppm  
 REL (USA) Short-term value: 1225 mg/m<sup>3</sup>, 500 ppm  
 Long-term value: 980 mg/m<sup>3</sup>, 400 ppm  
 TLV (USA) Short-term value: 984 mg/m<sup>3</sup>, 400 ppm  
 Long-term value: 492 mg/m<sup>3</sup>, 200 ppm  
 BEI

**Ingredients with biological limit values:**

**1330-20-7 xylene (mix)**

BEI (USA) 1.5 g/g creatinine  
 Medium: urine  
 Time: end of shift  
 Parameter: Methylhippuric acids

**67-63-0 Isopropyl Alcohol**

BEI (USA) 40 mg/L  
 Medium: urine  
 Time: end of shift at end of workweek  
 Parameter: Acetone (background, nonspecific)

**Hygienic protection:**

Immediately remove all soiled and contaminated clothing.  
 Wash hands after use.  
 Avoid contact with the skin.  
 Avoid contact with the eyes and skin.  
 Do not eat or drink while working.

**Breathing equipment:**

A respirator is generally not necessary when using this product outdoors or in large open areas. In cases where short and/or long term overexposure exists, a charcoal filter respirator should be worn. If you suspect overexposure conditions exist, please consult an authority on chemical hygiene.

**Hand protection:**

Nitrile gloves.  
 The glove material must be impermeable and resistant to the substance.

**Eye protection:**

Tightly sealed goggles

**9 Physical and chemical properties**

**Appearance:** Aerosol.  
**Odor:** Aromatic  
**Odor threshold:** Not determined.  
**pH-value:** Not determined.

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<b>Melting point/Melting range</b>	Undetermined.
<b>Boiling point:</b>	-44 °C (-47.2 °F)
<b>Flash point:</b>	-19 °C (-2.2 °F)
<b>Flammability (solid, gas):</b>	Extremely flammable.
<b>Decomposition temperature:</b>	Not determined.
<b>Auto igniting:</b>	Product is not self-igniting.
<b>Danger of explosion:</b>	In use, may form flammable/explosive vapour-air mixture.
<b>Lower Explosion Limit:</b>	1.7 Vol %
<b>Upper Explosion Limit:</b>	10.9 Vol %
<b>Vapor pressure:</b>	Not determined.
<b>Relative Density:</b>	Between 0.77 and 0.85 (Water equals 1.00)
<b>Vapor density</b>	Not determined.
<b>Evaporation rate</b>	Not applicable.
<b>Partition coefficient: n-octonal/water:</b>	Not determined.
<b>Solubility:</b>	Not determined.
<b>Viscosity:</b>	Not determined.
<b>Water:</b>	0.0 %

**10 Stability and reactivity**

<b>Reactivity:</b>	Stable at normal temperatures.
<b>Conditions to avoid:</b>	Do not allow can to exceed 120 degrees Fahrenheit. Do not warehouse in subfreezing temperatures.
<b>Chemical stability:</b>	Not fully evaluated.
<b>Possibility of hazardous reactions:</b>	No dangerous reactions known.
<b>Incompatible materials:</b>	No further relevant information available.
<b>Hazardous decomposition:</b>	No dangerous decomposition products known.

**11 Toxicological information****LD/LC50 values that are relevant for classification:****106-97-8 n-butane**

Inhalative LC50/4 h 658 mg/l (rat)

**1330-20-7 xylene (mix)**

Oral LD50 8,700 mg/kg (rat)

Dermal LD50 2,000 mg/kg (rbt)

Inhalative LC50/4 h 6,350 mg/l (rat)

**67-63-0 Isopropyl Alcohol**

Oral LD50 4,570 mg/kg (rat)

Dermal LD50 13,400 mg/kg (rab)

Inhalative LC50/4 h 30 mg/l (rat)

<b>Information on toxicological effects:</b>	No data available.
<b>Skin effects:</b>	Irritant to skin and mucous membranes.
<b>Eye effects:</b>	No irritating effect.
<b>Sensitization:</b>	No sensitizing effects known.

**12 Ecological information**

<b>Aquatic toxicity:</b>	Hazardous for water, do not empty into drains.
<b>Persistence and degradability:</b>	The product is degradable after prolonged exposure to natural weathering processes.
<b>Bioaccumulative potential:</b>	No further relevant information available.
<b>Mobility in soil:</b>	No further relevant information available.
<b>Ecotoxic effects:</b>	
<b>Remark:</b>	Toxic for fish
<b>Other adverse effects:</b>	No further relevant information available.

**13 Disposal considerations**

Dispose of in accordance with local, state, and federal regulations. Do not puncture, incinerate, or compact. Partially empty cans must be disposed of responsibly. Do not heat or cut empty containers with electric or gas torches.

**Recommendation:** Completely empty cans should be recycled.

**14 Transport information**

<b>UN-Number</b>	UN1950
<b>DOT</b>	N/A
<b>DOT</b>	Consumer Commodity ORM-D Aerosols, flammable
<b>ADR</b>	1950 Aerosols, ENVIRONMENTALLY HAZARDOUS
<b>Transport hazard class(es):</b>	
<b>Class</b>	2.1
<b>Marine pollutant:</b>	Symbol (fish and tree)
<b>Special marking (ADR):</b>	Symbol (fish and tree)
<b>Special precautions for user:</b>	Warning: Gases
<b>EMS Number:</b>	F-D,S-U
<b>Stowage Code</b>	SW1 Protected from sources of heat. SW22 For AEROSOLS with a maximum capacity of 1 litre: Category A. For AEROSOLS with a

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<b>Segregation Code</b>	capacity above 1 litre: Category B. For WASTE AEROSOLS: Category C, Clear of living quarters. SG69 For AEROSOLS with a maximum capacity of 1 litre: Segregation as for class 9. Stow "separated from" class 1 except for division 1.4. For AEROSOLS with a capacity above 1 litre: Segregation as for the appropriate subdivision of class 2. For WASTE AEROSOLS: Segregation as for the appropriate subdivision of class 2.
<b>Quantity limitations</b>	On passenger aircraft/rail: 75 kg On cargo aircraft only: 150 kg
<b>ADR Exempted quantities (EQ)</b>	Code: E0 Not permitted as Exempted Quantity
<b>IMDG Limited quantities (LQ) Exempted quantities (EQ)</b>	1L Code: E0 Not permitted as Exempted Quantity
<b>Packaging Group: UN "Model Regulation":</b>	-- UN 1950 AEROSOLS, 2.1, ENVIRONMENTALLY HAZARDOUS

## 15 Regulatory information

**SARA Section 355 (extremely hazardous substances):**

None of the ingredients in this product are listed.

**SARA Section 313 (Specific toxic chemical listings):**

1330-20-7 xylene (mix)

67-63-0 Isopropyl Alcohol

**Toxic Substances Control Act (TSCA):**

All hazardous ingredients for this product are found on the inventory list of substances.

**Consumer Product Safety Commission (CPSC):**

This product complies with 16 CFR 1303 and does not contain more than 90 ppm of lead.

**California Proposition 65 chemicals known to cause cancer:**

100-41-4 ethyl benzene

**California Proposition 65 chemicals known to cause birth defects or reproductive harm:**

67-56-1 Methanol

None of the ingredients in this product are listed.

**CANADIAN ENVIRONMENTAL PROTECTION ACT:  
WHMIS Symbols for Canada:**All hazardous ingredients for this product appear on the Canadian Domestic Substance List.  
A - Compressed gas  
D2B - Toxic material causing other toxic effects**EPA:**

142-82-5 heptane

1330-20-7 xylene (mix)

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## 16 Other information

**Contact:** Regulatory Affairs  
**Date of preparation / last revision** 02/05/2018 / -