

**Safety Data Sheet**

Printing date 01/15/2024

Revised On 01/15/2024

**1 Identification**

**Trade name:** MAXX-MARKER UTILITY YELLOW  
**Product code:** 8078, 8088, 8079  
**Recommended use:** Paint and coatings application.  
**Uses advised against:** Any that differs from the recommended use.  
**Manufacturer/Supplier:** TIFCO Industries, Inc.  
 PO Box 40277  
 Houston, TX 77240  
 phone: 281-571-6000

**Emergency telephone number:** 1-800-255-3924

**2 Hazard(s) identification****Classification of the substance or mixture**

Flammable Aerosols 1 H222 Extremely flammable aerosol.  
 Gases under Pressure - Liquefied gas H280 Contains gas under pressure; may explode if heated.  
 Carcinogenicity 2 H351 Suspected of causing cancer. Route of exposure: Inhalation.  
 Toxic to Reproduction 1B H360 May damage fertility or the unborn child.  
 Specific Target Organ Toxicity - Single Exposure 3 H335 May cause respiratory irritation.  
 Specific Target Organ Toxicity - Repeated Exposure 2 H373 May cause damage to organs through prolonged or repeated exposure.

**Additional information:****GHS Hazard pictograms**

GHS02 GHS04 GHS07 GHS08

**Signal word**

Danger

**Hazard-determining components of labeling:**

Calcium Carbonate

Toluene

titanium dioxide

Extremely flammable aerosol.

Contains gas under pressure; may explode if heated.

Suspected of causing cancer. Route of exposure: Inhalation.

May damage fertility or the unborn child.

May cause respiratory irritation.

May cause damage to organs through prolonged or repeated exposure.

Obtain special instructions before use.

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.

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.

**Physical dangers:****Effects of chronic overexposure:**

May cause permanent brain and nervous system damage. Repeated overexposure can also damage kidneys, lungs, liver, heart, and blood. Intentional misuse by deliberately inhaling the contents may be harmful or fatal.

**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:**

64742-89-8	VM&P Naphtha	15-25%
74-98-6	propane	10-15%
1317-65-3	Calcium Carbonate	5-10%
106-97-8	n-butane	5-10%
64742-47-8	Mineral Spirits	1-5%
1330-20-7	xylene (mix)	1-5%
13463-67-7	titanium dioxide	1-5%

**4 First-aid measures****Description of 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.

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<b>After eye contact:</b>	Rinse opened eye for several minutes under running water. Then consult a doctor.
<b>After swallowing:</b>	Rinse out mouth and then drink plenty of water. Rinse mouth with water. Do not induce vomiting.
<b>Information for doctor:</b>	
<b>Most important symptoms and effects:</b>	Dizziness
<b>Indication of any immediate medical attention needed:</b>	No further relevant information available.

**5 Fire-fighting measures**

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

**Additional information**

Cool endangered receptacles with water spray.

**6 Accidental release measures**

<b>Personal precautions, protective equipment and emergency procedures:</b>	Wear protective equipment. Keep unprotected persons away. Use respiratory protective device against the effects of fumes/dust/aerosol.
<b>Environmental precautions:</b> <b>Methods and material for containment and cleaning up:</b>	Do not allow product to reach sewage systems or ground water. Ensure adequate ventilation.

**7 Handling and storage**

<b>Precautions for safe handling</b>	Use only in well ventilated areas.
<b>Fire/explosion protection:</b>	Do not spray on a naked flame or any incandescent material. Do not smoke. Protect from electrostatic discharges.
<b>Conditions for safe storage:</b>	
<b>Storage requirements:</b>	Keep away from sources of heat and direct sunlight. Do not warehouse in subfreezing conditions. Store locked up.

**8 Exposure controls/personal protection**

<b>Components with limit values that require monitoring at the workplace:</b>	The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit. At this time, the other constituents have no known exposure limits.
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**74-98-6 propane**

PEL	Long-term value: 1800 mg/m <sup>3</sup> , 1000 ppm
REL	Long-term value: 1800 mg/m <sup>3</sup> , 1000 ppm
TLV	see Appendix F Minimal oxygen content ( D, EX)

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

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

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

PEL	Long-term value: 435 mg/m <sup>3</sup> , 100 ppm
REL	Short-term value: 655 mg/m <sup>3</sup> , 150 ppm
TLV	Long-term value: 435 mg/m <sup>3</sup> , 100 ppm
	Long-term value: 20 ppm BEI, A4

**Ingredients with biological limit values:****1330-20-7 xylene (mix)**

BEI	1.5 g/g creatinine Medium: urine Time: end of shift Parameter: Methylhippuric acids
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**Exposure controls****Hygienic protection:**

Keep away from foodstuffs and animal feed. Wash hands after use.  
Immediately remove all soiled and contaminated clothing.  
Wash hands after use.  
Avoid contact with the skin.  
Do not eat or drink while working.

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<b>Breathing equipment:</b>	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 NIOSH approved respirator should be worn. If you suspect overexposure conditions exist, please consult an authority on chemical hygiene.
<b>Hand protection:</b>	Nitrile gloves.
<b>Eye protection:</b>	Tightly sealed goggles

**9 Physical and chemical properties**

<b>General Information:</b>	
<b>Appearance:</b>	Aerosol.
<b>Odor:</b>	Aromatic
<b>Odor threshold:</b>	Not determined.
<b>pH-value:</b>	Not determined.
<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>Decomposition temperature:</b>	Not determined.
<b>Auto igniting:</b>	Product is not self-igniting.
<b>Danger of explosion:</b>	Stable at normal temperatures. Can may burst when exposed to temperatures exceeding 120 degrees fahrenheit. 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>	40 PSI 2750 hPa
<b>Vapor Pressure:</b>	40 PSI, 2750 hPa
<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-octanol/water:</b>	Not determined.
<b>Solubility:</b>	Not determined.
<b>Viscosity:</b>	Not determined.
<b>Dynamic:</b>	Not determined.
<b>Kinematic:</b>	Not determined.
<b>Water:</b>	32.5 %

**10 Stability and reactivity**

<b>Conditions to avoid:</b>	Do not allow can to exceed 120 degrees Fahrenheit. Do not warehouse in subfreezing temperatures.
<b>Possibility of hazardous reactions:</b>	No dangerous reactions known.
<b>Conditions to avoid</b>	No further relevant information available.
<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:****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)

**13463-67-7 titanium dioxide**

Oral	LD50	>20,000 mg/kg (rat)
Dermal	LD50	>10,000 mg/kg (rbt)
Inhalative	LC50/4 h	>6.82 mg/l (rat)

**Skin effects:** Irritant to skin and mucous membranes.**Eye effects:** No irritating effect.**Sensitization:** No sensitizing effects known.**IARC (International Agency for Research on Cancer)**

1330-20-7	xylene (mix)	3
13463-67-7	titanium dioxide	2B

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## NTP (National Toxicology Program)

None of the ingredients is listed.

## 12 Ecological information

## Toxicity

## Aquatic toxicity:

## Persistence and degradability:

## Other information:

Hazardous for water, do not empty into drains.

The product is degradable after prolonged exposure to natural weathering processes.

This product does not contain any chlorofluorocarbons (CFC's), hydrochlorofluorocarbons (HCFC's), perfluorocarbons (PFC's), heavy metals (chromium, lead, cadmium), or chlorinated solvents.

## Bioaccumulative potential:

No further relevant information available.

## Mobility in soil:

No further relevant information available.

## Results of PBT and vPvB assessment

## PBT:

Not applicable.

## vPvB:

Not applicable.

## Other adverse effects:

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.

## Waste treatment methods

Recommendation: Completely empty cans should be recycled.

Recommended cleansing agent: Water, if necessary with cleansing agents.

## 14 Transport information

UN-Number UN1950

DOT UN1950

UN proper shipping name:

AEROSOLS, flammable

DOT

Transport hazard class(es):

2.1 Gases

Class

No

Marine pollutant:

Warning: Gases

Special precautions for user:

F-D,S-U

EMS Number:

DOT

Packaging Group:

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## 15 Regulatory information

## Reglamentación y legislación en materia de seguridad, salud y medio ambiente específicas para la sustancia o la mezcla

Toxic Substances Control Act

(TSCA):

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

Consumer Product Safety

Comission (CPSC):

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

## Hazardous Air Pollutants

1330-20-7 xylene (mix)

108-88-3 Toluene

100-41-4 ethyl benzene

## California Proposition 65 chemicals known to cause cancer:

13463-67-7 titanium dioxide

100-41-4 ethyl benzene

## Prop 65 chemicals known to cause birth defects or reproductive harm:

108-88-3 Toluene

## CANADIAN ENVIRONMENTAL

PROTECTION ACT:

All hazardous ingredients for this product appear on the Canadian Domestic Substance List.

EPA:

1330-20-7 xylene (mix)

The product is classified and labeled according to the Globally Harmonized System (GHS). Obtain special instructions before use.

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.

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.

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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.  
A Chemical Safety Assessment has not been carried out.

**Chemical safety assessment:****16 Other information**

This product was manufactured in the U.S.A.

The information on this sheet is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

**Contact:**

Regulatory Affairs

**Date of preparation / last revision**

01/15/2024

**Abbreviations and acronyms:**

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

CAS: Chemical Abstracts Service (division of the American Chemical Society)

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

VOC: Volatile Organic Compounds (USA, EU)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

EPA: Environmental Protection Agency

IARC: International Agency for the Research of Cancer

NIOSH: National Institute for Occupational Safety and Health

TSCA: Toxic Substances Control Act

CPSC: Consumer Product Safety Commission

TLV: Threshold Limit Value

PEL: Permissible Exposure Limit

REL: Recommended Exposure Limit

BEI: Biological Exposure Limit

Flammable Aerosols 1: Aerosols – Category 1

Gases under Pressure - Liquefied gas: Gases under pressure – Liquefied gas

Carcinogenicity 2: Carcinogenicity – Category 2

Toxic to Reproduction 1B: Reproductive toxicity – Category 1B

Specific Target Organ Toxicity - Single Exposure 3: Specific target organ toxicity (single exposure) – Category 3

Specific Target Organ Toxicity - Repeated Exposure 2: Specific target organ toxicity (repeated exposure) – Category 2