

Safety Data Sheet

Printing date 01/15/2024

Revised On 01/15/2024

1 Identification of the substance and manufacturer

Trade name: MAXX-MARKER ASPHALT BLACK STRIPE
Product code: 8073, 8083, 8092
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.
 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

Hazard statements

Danger
 Extremely flammable aerosol.
 Contains gas under pressure; may explode if heated.
 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.

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	10-15%
106-97-8	n-butane	5-10%
64742-47-8	Mineral Spirits	1-5%
1330-20-7	xylene (mix)	1-5%
108-88-3	Toluene	1-5%

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.

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Protective equipment for firefighters:

A respiratory protective device may be necessary.

6 Accidental release measures**Personal precautions, protective equipment and emergency procedures:**

Use respiratory protective device against the effects of fumes/dust/aerosol.

Methods and material for containment and cleaning up:

Dispose contaminated material as waste according to section 13.

7 Handling and storage**Precautions for safe handling**

Use only in well ventilated areas.

Storage requirements:

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**PEL (USA) Long-term value: 1800 mg/m³, 1000 ppmREL (USA) Long-term value: 1800 mg/m³, 1000 ppm

TLV (USA) see Appendix F Minimal oxygen content (D, EX)

106-97-8 n-butaneREL (USA) Long-term value: 1900 mg/m³, 800 ppm

TLV (USA) Short-term value: 1000 ppm (EX)

1330-20-7 xylene (mix)PEL (USA) Long-term value: 435 mg/m³, 100 ppmREL (USA) Short-term value: 655 mg/m³, 150 ppmLong-term value: 435 mg/m³, 100 ppmTLV (USA) Long-term value: 20 ppm
BEI, A4**108-88-3 Toluene**PEL (USA) Long-term value: 200 ppm
Ceiling limit value: 300; 500* ppm
*10-min peak per 8-hr shiftREL (USA) Short-term value: 560 mg/m³, 150 ppmLong-term value: 375 mg/m³, 100 ppmTLV (USA) Long-term value: 20 ppm
BEI, OTO, A4**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**108-88-3 Toluene**BEI (USA) 0.02 mg/L
Medium: blood
Time: prior to last shift of workweek
Parameter: Toluene0.03 mg/L
Medium: urine
Time: end of shift
Parameter: Toluene0.3 mg/g creatinine
Medium: urine
Time: end of shift
Parameter: o-Cresol with hydrolysis (background)**Hygienic protection:**Immediately remove all soiled and contaminated clothing.
Wash hands after use.
Store protective clothing separately.
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 NIOSH approved respirator should be

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Hand protection:

worn. If you suspect overexposure conditions exist, please consult an authority on chemical hygiene.

Nitrile gloves.

Eye protection:

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

Tightly sealed goggles

9 Physical and chemical properties

Appearance:	Aerosol.
Odor:	Aromatic
Odor threshold:	Not determined.
pH-value:	Not determined.
Melting point/Melting range	Undetermined.
Boiling point:	-44 °C (-47.2 °F)
Flash point:	-19 °C (-2.2 °F)
Flammability (solid, gas):	Extremely flammable.
Decomposition temperature:	Not determined.
Auto igniting:	Product is not self-igniting.
Danger of explosion:	In use, may form flammable/explosive vapour-air mixture.
Lower Explosion Limit:	1.7 Vol %
Upper Explosion Limit:	10.9 Vol %
Vapor pressure:	Not determined.
Relative Density:	Between 0.77 and 0.85 (Water equals 1.00)
Vapor density	Not determined.
Evaporation rate	Not applicable.
Partition coefficient: n-octanol/water:	Not determined.
Solubility:	Not determined.
Viscosity:	Not determined.
Water:	31.7 %

10 Stability and reactivity

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

Information on toxicological effects: No data available.

Skin effects: Irritant to skin and mucous membranes.

Eye effects: No irritating effect.

Sensitization: No sensitizing effects known.

12 Ecological information

Aquatic toxicity:	Hazardous for water, do not empty into drains.
Persistence and degradability:	The product is degradable after prolonged exposure to natural weathering processes.
Other information:	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.
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.

Recommendation: Completely empty cans should be recycled.

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

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14 Transport information

UN-Number	UN1950
DOT	UN1950
DOT	Aerosols, flammable
ADR	1950 Aerosols, ENVIRONMENTALLY HAZARDOUS
Transport hazard class(es):	
Class	2.1 Gases
Special precautions for user:	Warning: Gases
EMS Number:	F-D, S-U
Packaging Group:	--
UN "Model Regulation":	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)
108-88-3	Toluene

Toxic Substances Control Act

(TSCA):

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

Canadian Domestic Substances List

(DSL):

All ingredients are listed or exempted.

Consumer Product Safety

Comission (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:

1333-86-4	Carbon black
100-41-4	ethyl benzene

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

108-88-3	Toluene
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EPA:

1330-20-7	xylene (mix)
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16 Other information

Contact: Regulatory Affairs