

Material Safety Data Sheet

acc. to ISO/DIS 11014

Printing date 01/26/2001

Reviewed on 03/28/2000

1 Identification of substance

Product details

Trade name: ATHLETIC FIELD MARKER - WHITE

Product code: 0000200644

Manufacturer/Supplier:
SEYMOUR OF SYCAMORE
917 Crosby Avenue
Sycamore, IL 60178



+1 815-895-9101

Information department: Health & Safety Department
Emergency information: CHEMTREC 1 800 255 3924

2 Composition/Data on components

Chemical characterization

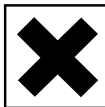
Description: Mixture of the substances listed below with nonhazardous additions.

Dangerous components:

74-98-6	propane	12.6485%
1317-65-3	Calcium Carbonate	11.8761%
13463-67-7	titanium dioxide	8.8592%
1330-20-7	xylene (mix)	8.309%
106-97-8	butane	7.4284%
110-54-3	n-hexane	6.0157%
108-88-3	toluene	5.1099%
64742-89-8	Solvent naphtha (petroleum), light aliph.	5.0991%
100-41-4	ethylbenzene	2.0653%
64742-95-6	Solvent naphtha (petroleum), light arom.	1.0389%

3 Hazards identification

Hazard description:



Harmful
Extremely flammable

Information pertaining to particular dangers for man and environment:

Possible risk of impaired fertility

Extremely flammable.

Harmful by inhalation.

Harmful: danger of serious damage to health by prolonged exposure through inhalation.

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C, i.e. electric lights. Do not pierce or burn, even after use.

Contains 43.9 mass percent inflammable materials.

Keep out of the reach of children.

Classification system:

The classification was made according to the latest editions of international substances lists, and expanded upon from company and literature data.

NFPA ratings (scale 0 - 4)



Health = 1
Fire = 4
Reactivity = 3

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HMIS-ratings (scale 0 - 4)

HEALTH	1
FIRE	3
REACTIVITY	3

Health = 1

Fire = 3

Reactivity = 3

4 First aid measures**General information:**

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

After inhalation:

Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.

In case of unconsciousness place patient stably in side position for transportation.

After skin contact: Generally the product does not irritate the skin.

After eye contact: Rinse opened eye for several minutes under running water.

After swallowing: If symptoms persist consult doctor.

5 Fire fighting measures**Suitable extinguishing agents:**

CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

For safety reasons unsuitable extinguishing agents: Water with full jet

Protective equipment: Mount respiratory protective device.

6 Accidental release measures

Person-related safety precautions: Wear protective equipment. Keep unprotected persons away.

Measures for environmental protection:

Do not allow product to reach sewage system or any water course.

Inform respective authorities in case of seepage into water course or sewage system.

Do not allow to enter sewers/ surface or ground water.

Measures for cleaning/collecting:

Dispose contaminated material as waste according to item 13.

Ensure adequate ventilation.

7 Handling and storage**Handling:****Information for safe handling:**

Ensure good ventilation/exhaustion at the workplace.

Open and handle receptacle with care.

Information about protection against explosions and fires:

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C, i.e. electric lights. Do not pierce or burn, even after use.

Do not spray on a naked flame or any incandescent material.

Storage:**Requirements to be met by storerooms and receptacles:**

Store in a cool location.

Observe official regulations on storing packagings with pressurized containers.

Information about storage in one common storage facility: Not required.

Further information about storage conditions:

Keep receptacle tightly sealed.

Do not gas tight seal receptacle.

Store in cool, dry conditions in well sealed receptacles.

Protect from heat and direct sunlight.

8 Exposure controls and personal protection

Additional information about design of technical systems: No further data; see item 7.

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Components with limit values that require monitoring at the workplace:**74-98-6 propane**

ACGIH TLV	4508 mg/m ³ , 2500 ppm
NIOSH REL	1800 mg/m ³ , 1000 ppm
OSHA PEL	1800 mg/m ³ , 1000 ppm

1317-65-3 Calcium Carbonate

ACGIH TLV	10 mg/m ³ (e)
NIOSH REL	10*; 5** mg/m ³ *Total dust **Respirable fraction
OSHA PEL	15*; 5** mg/m ³ *Total dust **Respirable fraction

13463-67-7 titanium dioxide

ACGIH TLV	10 mg/m ³
NIOSH REL	Lowest feasible conc.; (LOQ 0.2 mg/m ³)
OSHA PEL	15* mg/m ³ *Total dust

1330-20-7 xylene (mix)

ACGIH TLV	Short-term value: 651 mg/m ³ , 150 ppm Long-term value: 434 mg/m ³ , 100 ppm BEI
NIOSH REL	Short-term value: 655 mg/m ³ , 150 ppm Long-term value: 435 mg/m ³ , 100 ppm (o-, m-, & p-isomers)
OSHA PEL	435 mg/m ³ , 100 ppm

106-97-8 butane

ACGIH TLV	1900 mg/m ³ , 800 ppm
NIOSH REL	1900 mg/m ³ , 800 ppm

110-54-3 n-hexane

ACGIH TLV	176 mg/m ³ , 50 ppm Skin; BEI
NIOSH REL	180 mg/m ³ , 50 ppm
OSHA PEL	1800 mg/m ³ , 500 ppm

108-88-3 toluene

ACGIH TLV	188 mg/m ³ , 50 ppm Skin; BEI
NIOSH REL	Short-term value: 560 mg/m ³ , 150 ppm Long-term value: 375 mg/m ³ , 100 ppm
OSHA PEL	Short-term value: C 300; 500* ppm Long-term value: 200 ppm *10-min peak per 8-hr shift

100-41-4 ethylbenzene

ACGIH TLV	Short-term value: 543 mg/m ³ , 125 ppm Long-term value: 434 mg/m ³ , 100 ppm NIC-A3; BEI
NIOSH REL	Short-term value: 545 mg/m ³ , 125 ppm Long-term value: 435 mg/m ³ , 100 ppm
OSHA PEL	435 mg/m ³ , 100 ppm

Additional information: The lists that were valid during the creation were used as basis.

Personal protective equipment:**General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed.
Wash hands before breaks and at the end of work.

Breathing equipment:

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.

Protection of hands:

Protective gloves

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Eye protection:

Tightly sealed goggles

9 Physical and chemical properties

Form:	Aerosol
Color:	According to product specification
Odor:	Characteristic
Change in condition	
Melting point/Melting range: Undetermined.	
Boiling point/Boiling range: -44°C (-47°F)	
Flash point:	-19°C (-2°F)
Ignition temperature:	240.0°C (464°F)
Auto igniting:	Product is not selfigniting.
Danger of explosion:	Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C, i.e. electric lights. Do not pierce or burn, even after use.
Explosion limits:	
Lower:	1.7 Vol %
Upper:	10.9 Vol %
Vapor pressure at 20°C (68°F): 8300.0 hPa	
Density:	Not determined.
Solubility in / Miscibility with	
Water:	Not miscible or difficult to mix.
Solvent content:	
Organic solvents:	48.6 %
Water:	20.4 %
Solids content:	30.5 %

10 Stability and reactivity

Thermal decomposition / conditions to be avoided:

No decomposition if used according to specifications.

Dangerous reactions No dangerous reactions known.**Dangerous products of decomposition:** No dangerous decomposition products known.

11 Toxicological information

Acute toxicity:**Primary irritant effect:****on the skin:** No irritant effect.**on the eye:** No irritating effect.**Sensitization:** No sensitizing effects known.**Additional toxicological information:**

The product shows the following dangers according to internally approved calculation methods for preparations:

Harmful.

12 Ecological information

General notes:

Water hazard class 2 (Self-assessment): hazardous for water

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.

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13 Disposal considerations

DISPOSAL METHOD: Dispose of in accordance with local, state, and federal regulations. Do not puncture, incinerate, or compact. Empty containers must be handled with care due to product residue. Do not heat or cut empty containers with electric or gas torches.

Product:**Recommendation:**

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

Uncleaned packagings:

Recommendation: Disposal must be made according to official regulations.

14 Transport information

DOT regulations:**Hazard class:**

Consumer Commodity

ORM-D

Identification number:

N/A

Packing group:

-

Proper shipping name (technical name): Consumer Commodity

Land transport ADR/RID (cross-border):**ADR/RID class:**

2 Gases

Item:

5 F

Danger code (Kemler):

-

UN-Number:

1950

Description of goods:

1950 Aerosols

Maritime transport IMDG:**IMDG Class:**

2

Page:

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UN Number:

1950

Packaging group:

II

EMS Number:

2-13

MFAG:

620

Marine pollutant:

No

Propper shipping name:

Aerosol Product (in limited quantities)

Air transport ICAO-TI and IATA-DGR:**ICAO/IATA Class:**

2.1

UN/ID Number:

1950

Packaging group:

-

Propper shipping name:

Aerosols, Flammable

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15 Regulations**Sara****Section 355 (extremely hazardous substances):**

None of the ingredient is listed.

Section 313 (Specific toxic chemical listings):

1330-20-7	xylene (mix)
110-54-3	n-hexane
108-88-3	toluene
100-41-4	ethylbenzene

TSCA (Toxic Substances Control Act):

7732-18-5	Water
74-98-6	propane
13463-67-7	titanium dioxide
1330-20-7	xylene (mix)
106-97-8	butane
110-54-3	n-hexane
108-88-3	toluene
64742-89-8	Solvent naphtha (petroleum), light aliph.
100-41-4	ethylbenzene
64742-95-6	Solvent naphtha (petroleum), light arom.
67-64-1	acetone
64742-47-8	Distillates (petroleum), hydrotreated light

Proposition 65**Chemicals known to cause cancer:**

None of the ingredients is listed.

Chemicals known to cause reproductive toxicity:

108-88-3 | toluene

Product related hazard informations:

The product has been classified and marked in accordance with directives on hazardous materials.

Hazard symbols:Harmful
Extremely flammable**Hazard-determining components of labelling:**

n-hexane

Risk phrases:Possible risk of impaired fertility
Extremely flammable.
Harmful by inhalation.
Harmful: danger of serious damage to health by prolonged exposure through inhalation.
Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment**Safety phrases:**Keep out of the reach of children.
Do not breathe gas/fumes/vapour/spray.
Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point
Wear suitable protective clothing and gloves.
If swallowed, seek medical advice immediately and show this container or label.
Use only in well-ventilated areas.**Special labeling of certain preparations:**Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C, i.e. electric lights. Do not pierce or burn, even after use.
Contains 43.9 mass percent inflammable materials.
Keep out of the reach of children.(Contd. on page 7)
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National regulations:**Technical instructions (air):**

Class	Share in %
Water	20.4
II	16.5
III	27.0
NK	5.1

Water hazard class: Water hazard class 2 (Self-assessment): hazardous for water.**16 Other information**

This information 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: Craig Swafford

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