

Material Safety Data Sheet
 acc. to ISO/DIS 11014

Printing date 11/19/2002

Reviewed on 11/19/2002

1 Identification of substance
Trade name: **WHITE**

Product code: PM07009943

 Manufacturer/Supplier:
 SEYMOUR OF SYCAMORE
 917 Crosby Avenue
 Sycamore, IL 60178
 (815)-895-9101

 Information department: Health & Safety Department
 Emergency information: CHEMTEL 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	F+; R 12	18.93%
108-88-3	toluene	Xn, F; R 11-20	17.85%
67-64-1	acetone	Xi, F; R 11-36-66-67	17.5%
106-97-8	n-butane	F+; R 12	11.12%
13463-67-7	titanium dioxide	Xi; R 37	7.84%
64742-89-8	VM&P Naptha	Xn; R 20/22	7.18%
110-54-3	n-hexane	Xn, F, N; R 11-38-48/20-62-51/53-65-67	6.44%
64742-47-8	Mineral Spirits	Xn, F; R 11-65	2.05%

Additional information: For the wording of the listed risk phrases refer to section 16.

3 Hazards identification

Hazard description:


 Xn Harmful
 F+ Extremely flammable

Information pertaining to particular dangers for man and environment:

The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

Warning! Pressurized container.

R 12 Extremely flammable.

R 20 Harmful by inhalation.

R 48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation.

R 62 Possible risk of impaired fertility

R 52/53 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.

76.4 % by mass of the contents are flammable

Keep out of the reach of children/flammable

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

HMIS-ratings (scale 0 - 4)

Health = 1

Fire = 4

Physical Hazard = 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:

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

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

After skin contact: Generally the product does not irritate the skin.**After eye contact:** Rinse opened eye for several minutes under running water. Then consult a doctor.**After swallowing:** If symptoms persist consult doctor.
5 Fire fighting measures
Suitable extinguishing agents: CO₂, sand, extinguishing powder. Do not use water.

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.

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Do not flush with water or aqueous cleansing agents

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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:

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

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.

Requirements to be met by storerooms and receptacles:

Store in a cool location.

Observe official regulations on storing packagings with pressurized containers.

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

Components with limit values that require monitoring at the workplace:

74-98-6 propane

PEL 1800 mg/m³, 1000 ppmREL 1800 mg/m³, 1000 ppmTLV 4508 mg/m³, 2500 ppm

108-88-3 toluene

PEL Short-term value: C 300; 500* ppm

Long-term value: 200 ppm

*10-min peak per 8-hr shift

REL Short-term value: 560 mg/m³, 150 ppmLong-term value: 375 mg/m³, 100 ppmTLV 188 mg/m³, 50 ppm

Skin; BEI

67-64-1 acetone

PEL 2400 mg/m³, 1000 ppmREL 590 mg/m³, 250 ppmTLV Short-term value: 1782 mg/m³, 750 ppmLong-term value: 1188 mg/m³, 500 ppm

BEI

106-97-8 n-butane

REL 1900 mg/m³, 800 ppmTLV 1900 mg/m³, 800 ppm

110-54-3 n-hexane

PEL 1800 mg/m³, 500 ppmREL 180 mg/m³, 50 ppmTLV 176 mg/m³, 50 ppm

Skin; BEI

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

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

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection: Tightly sealed goggles

9 Physical and chemical properties

General Information

Form:	Aerosol
Color:	According to product specification
Odor:	Characteristic
Boiling point/Boiling range:	-44°C (-47°F)

Flash point: -19°C (-2°F)

Ignition temperature: 240.0°C (464°F)

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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.
Lower Explosion Limit:	1.2 Vol %
Upper Explosion Limit:	13.0 Vol %
Vapor pressure at 20°C (68°F):	8300.0 hPa (6226 mm Hg)
Density:	Not determined.
Organic solvent Content:	80.2 %
Solids content:	17.7 %

10 Stability and reactivity

Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
Dangerous reactions No dangerous reactions known.

11 Toxicological information

LD/LC50 values that are relevant for classification:

108-88-3 toluene

Oral	LD50	5000 mg/kg (rat)
Dermal	LD50	12124 mg/kg (rab)
Inhalative	LC50/4 h	5320 mg/l (mus)

Primary irritating effect on the skin: No irritant effect.

Primary irritating 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

Ecotoxicological effects:
 Remark: Harmful to fish

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.

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

14 Transport information:

Hazard class:	2.1
Identification number:	N/A
Proper shipping name (technical name):	Consumer Commodity
ADR/RID class:	2 Gases
Item:	5 F
UN-Number:	1950
IMDG Class:	2
Page:	2102
Packaging group:	II
EMS Number:	2-13
MFAG:	620
Marine pollutant:	No
ICAO/IATA Class:	2.1
Proper shipping name:	Aerosols, Flammable

15 Regulations

Sara

Section 355 (extremely hazardous substances):

None of the ingredient is listed.

Section 313 (Specific toxic chemical listings):

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

TSCA (Toxic Substances Control Act):

74-98-6	propane
108-88-3	toluene
67-64-1	acetone
106-97-8	n-butane
13463-67-7	titanium dioxide
64742-89-8	VM&P Naptha

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110-54-3	n-hexane
64742-47-8	Mineral Spirits
108-65-6	PM acetate
1330-20-7	xylene (mix)

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

None of the ingredients is listed.

Chemicals known to cause reproductive toxicity:

108-88-3 | toluene

Carcinogeny categories**EPA (Environmental Protection Agency)**

108-88-3	toluene	D
67-64-1	acetone	D
1330-20-7	xylene (mix)	D
100-41-4	ethyl benzene	D
110-19-0	isobutyl acetate	D

IARC (International Agency for Research on Cancer)

108-88-3	toluene	3
13463-67-7	titanium dioxide	3
1330-20-7	xylene (mix)	3
1333-86-4	Carbon black	2B

NTP (National Toxicology Program)

None of the ingredients is listed.

TLV (Threshold Limit Value established by ACGIH)

108-88-3	toluene	A4
67-64-1	acetone	A4
13463-67-7	titanium dioxide	A4
1330-20-7	xylene (mix)	A4
1333-86-4	Carbon black	A4
110-19-0	isobutyl acetate	A4

NIOSH-Ca (National Institute for Occupational Safety and Health)

13463-67-7	titanium dioxide
1333-86-4	Carbon black

OSHA-Ca (Occupational Safety & Health Administration)

None of the ingredients is listed.

Hazard symbols:

Xn Harmful

F+ Extremely flammable

Hazard-determining components of labelling:

n-hexane

toluene

Risk phrases:

12 Extremely flammable.

20 Harmful by inhalation.

48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation.

62 Possible risk of impaired fertility

52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment

Safety phrases:

2 Keep out of the reach of children.

23 Do not breathe gas/fumes/vapour/spray.

29/56 Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point

36/37 Wear suitable protective clothing and gloves.

46 If swallowed, seek medical advice immediately and show this container or label.

51 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.

76.4 % by mass of the contents are flammable

Keep out of the reach of children/flammable

Technical instructions (air):

Class	Share in %
II	18.1
III	54.9
NK	7.2

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