

Material Safety Data Sheet
acc. to ISO/DIS 11014

Printing date 11/19/2002

Reviewed on 11/19/2002

1 Identification of substanceTrade name: **RED**

Product code: PM07009942

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:

67-64-1	acetone	Xi, F; R 11-36-66-67	21.89%
74-98-6	propane	F+; R 12	18.87%
64742-89-8	VM&P Naptha	Xn; R 20/22	11.72%
106-97-8	n-butane	F+; R 12	11.08%
108-88-3	toluene	Xn, F; R 11-20	10.69%
64742-47-8	Mineral Spirits	Xn, F; R 11-65	4.02%
67-63-0	isopropyl alcohol	Xi, F; R 11-36-67	2.42%
108-65-6	PM acetate	Xi; R 10-36	2.15%
7727-43-7	barium sulphate, natural	Xi; R 37	1.54%

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 36 Irritating to eyes.

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.

86.0 % 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. If symptoms persist, consult a doctor.

After swallowing: If symptoms persist consult doctor.

5 Fire fighting measuresSuitable 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:

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

74-98-6 propane

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

106-97-8 n-butane

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

67-63-0 isopropyl alcohol

PEL 980 mg/m³, 400 ppmREL Short-term value: 1225 mg/m³, 500 ppmLong-term value: 980 mg/m³, 400 ppmTLV Short-term value: (1230) mg/m³, (500) ppmLong-term value: (983) mg/m³, (400) ppm

NIC-200; 491; 400; 984; A 4

7727-43-7 barium sulphate, natural

PEL 15*; 5** mg/m³

*Total dust **Respirable fraction

REL 10*; 5** mg/m³

*Total dust **Respirable fraction

TLV 10 mg/m³

(e)

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.

Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work.

Avoid contact with the eyes.

Avoid contact with the eyes and skin.

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:

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.

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Eye protection: Tightly sealed goggles

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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:	365.0°C (689°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.
Lower Explosion Limit:	0.9 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:	79.8 %
Solids content:	16.2 %

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

Primary irritating effect on the skin: No irritant effect.
Primary irritating effect on the eye: 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.
 Irritant.

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 TF
UN-Number:	1950
IMDG Class:	2
Page:	2102
Packaging group:	II
EMS Number:	2-13
MFAG:	310
Marine pollutant:	No
ICAO/IATA Class:	2.1
Propper 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
 67-63-0 | isopropyl alcohol
 1330-20-7 | xylene (mix)

TSCA (Toxic Substances Control Act):

67-64-1 | acetone
 74-98-6 | propane
 64742-89-8 | VM&P Naptha
 106-97-8 | n-butane

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108-88-3	toluene
64742-47-8	Mineral Spirits
67-63-0	isopropyl alcohol
108-65-6	PM acetate
7727-43-7	barium sulphate, natural
110-19-0	isobutyl acetate
13463-67-7	titanium dioxide
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)**

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

IARC (International Agency for Research on Cancer)

108-88-3	toluene	3
67-63-0	isopropyl alcohol	3
13463-67-7	titanium dioxide	3
1330-20-7	xylene (mix)	3
1309-37-1	red iron oxide pigment	3

NTP (National Toxicology Program)

None of the ingredients is listed.

TLV (Threshold Limit Value established by ACGIH)

67-64-1	acetone	A4
108-88-3	toluene	A4
110-19-0	isobutyl acetate	A4
13463-67-7	titanium dioxide	A4
1330-20-7	xylene (mix)	A4
1309-37-1	red iron oxide pigment	A4

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

13463-67-7 | titanium dioxide

OSHA-Ca (Occupational Safety & Health Administration)

None of the ingredients is listed.

Hazard symbols:

Xn Harmful

F+ Extremely flammable

Risk phrases:

12 Extremely flammable.

20 Harmful by inhalation.

36 Irritating to eyes.

Safety phrases:

2 Keep out of the reach of children.

3 Keep in a cool place.

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

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.

86.0 % by mass of the contents are flammable

Keep out of the reach of children/flammable

Technical instructions (air):

Class	Share in %
II	10.9
III	57.2
NK	11.7

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