

Printing date 08/25/2003

Reviewed on 08/25/2003

1 Identification of substance

Trade name: MRO GLOSS BLACK
Product code: 0006201415
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 Description: This product is a mixture of the substances listed below with nonhazardous additions.

Dangerous components:

67-64-1	acetone	☒ Xi, ☒ F; R 11-36-66-67	22.6%
74-98-6	propane	☒ F+; R 12	15.75%
106-97-8	n-butane	☒ F+; R 12	9.25%
7727-43-7	barium sulphate, natural	☒ Xi; R 37	8.53%
2807-30-9	Glycol Ether EP	☒ Xi; R 10-36/37/38	5.46%
108-10-1	methyl isobutyl ketone	☒ Xn, ☒ F; R 11-20-36/37-66	5.13%
107-87-9	Methyl Propyl Ketone	☒ F; R 11	3.38%
1330-20-7	xylene (mix)	☒ Xn; R 10-20/21-38	2.69%
108-65-6	PM acetate	☒ Xi; R 10-36	1.84%
110-19-0	isobutyl acetate	☒ F; R 11-66	1.41%

Additional information: For the wording of the listed risk phrases refer to section 3.

3 Hazards identification

Hazard description: ☒ ☒ Xi Irritant
 F+ Extremely flammable

Physical and environmental dangers: Warning! Pressurized container.
 Has a narcotizing effect.
 R 12 Extremely flammable.
 R 36 Irritating to eyes.
 R 67 Vapours may cause drowsiness and dizziness
 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.
 Keep out of the reach of children.

NFPA ratings (scale 0 - 4): Health = 1
 Fire = 4
 Reactivity = 3

HMIS-ratings (scale 0 - 4): Health = 1
 Fire = 3
 Physical Hazard = 3

4 First aid measures

After inhalation: Supply fresh air; consult doctor in case of complaints.

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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: Consult a doctor if symptoms persist.

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5 Fire fighting measures

Extinguishing agents: CO2, sand, extinguishing powder, or water spray. Fight larger fires with water spray or alcohol resistant foam.
Protective equipment: No special measures required.

6 Accidental release measures

Personal safety precautions: Wear protective equipment. Keep unprotected persons away.
Environmental safety precautions: Do not allow product to reach sewage systems or ground water. Inform appropriate authorities in case of seepage into water course or sewage system.
Measures for cleaning/collecting: Do not flush with water or aqueous cleansing agents. Use diluted caustic solution. Soak up spills with inert absorbent material. Refer to section 13 for disposal information.

7 Handling and storage

Safe handling information: Ensure good ventilation/exhaustion at the workplace. Handle carton and cans with care.
Fire/explosion protection: Do not spray on a naked flame or any incandescent material. Keep ignition sources away - Do not smoke. Protect against electrostatic charges.
Storage requirements: Observe official regulations on storing packagings with pressurized containers. Consult with your local authorities. Keep away from sources of heat and direct sunlight. Do not warehouse in subfreezing conditions.

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 ppm
REL 590 mg/m³, 250 ppm
TLV Short-term value: 1782 mg/m³, 750 ppm
Long-term value: 1188 mg/m³, 500 ppm
BEI

74-98-6 propane

PEL 1800 mg/m³, 1000 ppm
REL 1800 mg/m³, 1000 ppm
TLV 4508 mg/m³, 2500 ppm

106-97-8 n-butane

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

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7727-43-7 barium sulphate, natural

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

108-10-1 methyl isobutyl ketone

PEL	410 mg/m ³ , 100 ppm
REL	Short-term value: 300 mg/m ³ , 75 ppm Long-term value: 205 mg/m ³ , 50 ppm
TLV	Short-term value: 307 mg/m ³ , 75 ppm Long-term value: 205 mg/m ³ , 50 ppm BEI

107-87-9 Methyl Propyl Ketone

PEL	700 mg/m ³ , 200 ppm
REL	530 mg/m ³ , 150 ppm
TLV	Short-term value: 881 mg/m ³ , 250 ppm Long-term value: 705 mg/m ³ , 200 ppm

1330-20-7 xylene (mix)

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

110-19-0 isobutyl acetate

PEL	700 mg/m ³ , 150 ppm
REL	700 mg/m ³ , 150 ppm
TLV	713 mg/m ³ , 150 ppm

Protective hygienic measures:

Keep away from foodstuffs, beverages, and animal feed.
Immediately remove all soiled and contaminated clothing.
Wash hands before breaks and at the end of work.

Breathing equipment:

A respirator is generally not necessary when using this product outdoors or in large open areas. In cases of inadequate ventilation, a respiratory protective device should be worn to avoid overexposure.
Use suitable respiratory protective device in case of insufficient ventilation.

Protection of hands:

Protective gloves. The glove material has to be impermeable and resistant to the substance. No glove recommendation can be given.

Eye protection:

Tightly sealed goggles

9 Physical and chemical properties:

General Information:

Color:	According to trade name description in section 1.
Odor:	Solvent
Boiling point/Boiling range:	-44°C (-47°F)
Flash point:	-19°C (-2°F)

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Ignition temperature:	230.0°C (446°F)
Auto igniting:	Product is not self-igniting.
Danger of explosion:	Heating may cause an explosion. In use, may form flammable/explosive vapour-air mixture.
Lower Explosion Limit:	1.7 Vol %
Upper Explosion Limit:	13.0 Vol %
Vapor pressure at 20°C (68°F):	8300.0 hPa (6226 mm Hg)
Density:	Not determined.
Specific Gravity:	Between 0.77 and 0.90 (Water equals 1.00)
VOC content:	0.46 kg/l / 3.86 lb/gl
VOC in weight percent (less acetone):	46.2 %
Solids content:	31.1 %

10 Stability and reactivity:

Conditions to be avoided: Do not allow the can to exceed 120 degrees Fahrenheit. Stable at normal temperatures.

Possibility of Hazardous

Reactions: No dangerous reactions known.

11 Toxicological information:

Primary effect on the skin: No irritant effect.

Primary effect on the eye: Irritating effect.

Sensitization: No sensitizing effects known.

12 Ecological information

Other information: This product does not contain any chlorinated solvents or lead. No specific ecological data is available for this product.

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: Do not dispose with household garbage. Do not allow product to reach sewage system.

14 Transport information:

Hazard class:	2.1
Identification number:	N/A
Label	2.1
ADR/RID class:	2 5TF Gases
UN-Number:	1950
IMDG Class:	2
Packaging group:	II
EMS Number:	F-D,S-U
Marine pollutant:	No
ICAO/IATA Class:	2.1

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Propper shipping name: Aerosols, Flammable
Consumer Commodity ORM-D

15 Regulations

SARA Section 355 (extremely hazardous substances):

None of the ingredients in this product are listed.

SARA Section 313 (Specific toxic chemical listings):

108-10-1	methyl isobutyl ketone
1330-20-7	xylene (mix)
100-41-4	ethyl benzene

TSCA (Toxic Substances Control Act):

67-64-1	acetone
74-98-6	propane
106-97-8	n-butane
7727-43-7	barium sulphate, natural
2807-30-9	Glycol Ether EP
108-10-1	methyl isobutyl ketone
107-87-9	Methyl Propyl Ketone
1330-20-7	xylene (mix)
108-65-6	PM acetate
110-19-0	isobutyl acetate
1333-86-4	Carbon black
64742-47-8	Mineral Spirits
100-41-4	ethyl benzene
8002-43-5	Soya Lecithin
22464-99-9	solid zirco drier

PROPOSITION 65 Chemicals known to cause cancer:

None of the ingredients in this product are listed.

PROPOSITION 65 Chemicals known to cause reproductive toxicity:

None of the ingredients in this product are listed.

Canadian WHMIS: This product has been classified according to the Controlled Product Regulations and the MSDS contains all the necessary information required by the CPR.
Class B, D5---Flammable Aerosols

EPA: A= Known human carcinogen B= Probable human carcinogen
C= Possible human carcinogen
D= Not classifiable as to human carcinogenicity: Inadequate human and animal evidence of carcinogenicity (or no data is available).

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

IARC: Group 2B: The ingredient is possibly carcinogenic to humans. There is limited evidence of carcinogenicity.
Group 3: The ingredient is unclassifiable as to its carcinogenicity to humans.

1330-20-7	xylene (mix)	3
1333-86-4	Carbon black	2B

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ACGIH TLVs:

A1-designates a confirmed human carcinogen.
A2-designates a suspected human carcinogen.
A3-designates an animal carcinogen.
A4-designates "not classifiable as a human carcinogen".

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67-64-1	acetone	A4
1330-20-7	xylene (mix)	A4
110-19-0	isobutyl acetate	A4
1333-86-4	Carbon black	A4

NIOSH:

1333-86-4 Carbon black

**USDA (United States
Department of
Agriculture):**

This product was manufactured to conform to the USDA Food Safety and Inspection Service performance standards. These standards include, but are not limited to, the ability of this product to be safe for use in official meat and poultry establishments, and to perform well under a daily regimen of thorough cleaning, cyclical temperature change, and wet conditions.

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
Regulatory Affairs