

MRO Flat White

(PVS Aerosol Touch-Up)

Material Safety Data Sheet

1. IDENTIFICATION OF SUBSTANCE

Trade Name: MRO Flat White

Product Code: 0006201412

Manufacturer/supplier: Seymour of Sycamore
917 Crosby Avenue
Sycamore, Illinois 60178
815-895-9101

Information Department: Health & Safety Department

Emergency Information: CHEMTEL 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:

1317-65-3	Calcium Carbonate	Xi; R 36/37/38	18.89%
74-98-6	Propane	F+; R 12	15.76%
67-64-1	Acetone	Xi; F; R 11-36-66-67	12.53%
106-97-8	n-Butane	F+; R 12	9.26%
13463-67-7	Titanium Dioxide	Xi; R 37	8.98%
108-88-3	Toluene	Xn; F; R 11-20	5.73%
110-19-0	Isobutyl Acetate	F; R 11-66	3.93%
112926-00-8	Silicone Dioxide Amorphous Synthetic	Xi; R 37	3.17%
108-65-6	PM Acetate	Xi; R 10-36	2.81%
107-87-9	Methyl Propyl Ketone	F; R 11	2.55%
64742-89-8	VM&P Naptha	Xn; R 20/22	1.38%
2807-30-9	Glycol Ether EP	Xi; R 10-36/37/38	1.2%

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.
- R 12: Extremely Flammable
- R 36/37/38: Irritating to Eyes, respiratory system and skin
- 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

Inhalation: In case of unconsciousness, place patient in side position for transportation.

Skin Contact: Immediately wash with water and soap and rinse thoroughly.

Eye Contact: Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

Swallowing: Consult a doctor if symptoms persist.

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 system 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 cleaning 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 in 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 packages 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

Components with limit values that require monitoring at the workplace:

1317-65-3	Calcium Carbonate	PEL	15*; 5** mg/m ³
		REL	10*; 5** mg/m ³
		TLV	10mg/m ³

			* Total dust ** Respirable fraction
74-98-6	Propane	PEL	1800 mg/m ³ , 1000 ppm
		REL	1800 mg/m ³ , 1000 ppm
		TLV	4508 mg/m ³ , 2500 ppm
67-64-1	Acetone	PEL	2400 mg/m ³ , 1000 ppm
		REL	590 mg/m ³ , 250 ppm
		TLV	Short-term value: 1782 mg/m ³ , 750 ppm
			Long-term value: 1188 mg/m ³ , 500 ppm
106-97-8	n-Butane	REL	1900 mg/m ³ , 800ppm
		TLV	1900 mg/m ³ , 800ppm
108-88-3	Toluene	PEL	Short-term value: C 300; 500* ppm
			Long-term value: 200 ppm
		REL	Short-term value: 560 mg/m ³ , 150 ppm
			Long-term value: 375 mg/m ³ , 100 ppm
TLV	188 mg/m ³ , 50 ppm		
	Skin; BEI		

			* 10-minute peak per 8-hour shift.
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
112926-00-8	Silicone Dioxide Amorphous Synthetic	PEL	Short-term value: 80 mg/m ³ as %SiO ₂
		REL	6 mg/m ³
		TLV	10 mg/m ³ (e)
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		

9. PERSONAL PROTECTION

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: For episodes of brief exposure, use a respiratory filter device. In cases of intensive or longer exposures, use a respiratory protective device that is independent of circulating air. 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.

10. PHYSICAL AND CHEMICAL PROPERTIES:

Form: Aerosol

Color: According to trade name description in Section I

Odor: Solvent

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 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 = 1.00)

VOC Content: 0.44 kg/l / 3.70 lb/gl

VOC in Weight Percent (Less Acetone): 44.4%

Solids Content: 40.7%

11. STABILITY AND REACTIVITY:

Conditions to be Avoided: Do not allow the can to exceed 120°F. Stable at normal temperatures.

Dangerous Reactions: No dangerous reactions known.

12. TOXICOLOGICAL INFORMATION:

Primary Effect on the Skin: Irritant to skin and mucous membranes

Primary Effect on the Eye: Irritating effect

Sensitization: No sensitizing effects known.

13. ECOLOGICAL INFORMATION

Other Information: This product does not contain any chlorinated solvents or lead.

No specific ecological data is available for this product.

Acquatic Toxicity: Harmful to aquatic organisms. Hazardous for water, do not empty into drains.

14. 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.

15. TRANSPORT INFORMATION:

Hazard Class: 2.1

Identification Number: N/A

Label: 2.1

ADR/RID Class: 2 5F Gases

UN-Number: 1950

IMDG Class: 2

Packaging group: II

EMS Number: F-D, S-U

Marine Pollutant: No

ICAO/IATA Class: 2.1

Proper Shipping Name: Aerosols, Flammable, Consumer Commodity ORM-D

16. REGULATIONS

SARA Section 355 (extremely hazardous substances)

None of the ingredients in this product are listed

SARA Section 313 (Specific toxic chemical listings)

108-88-3	Toluene
1330-20-7	Xylene (mix)
108-10-1	Methyl Isobutyl Ketone
100-41-4	Ethyl Benzene

TSCA (Toxic Substances Control Act)

1317-65-3	Calcium Carbonate
74-98-6	Propane
67-64-1	Acetone
106-97-8	n-Butane
13463-67-7	Titanium Dioxide
108-88-3	Toluene
110-19-0	Isobutyl Acetate
108-65-6	PM Acetate
107-87-9	Methyl Propyl Ketone
64742-89-8	VM&P Naptha
2807-30-9	Glycol Ether EP
1330-20-7	Xylene (mix)
108-10-1	Methyl Isobutyl Ketone
8002-43-5	Soya Lecithin
64742-95-6	SC-100

Proposition 65 Chemicals known to cause cancer:

None of the ingredients in this product are listed

Proposition 65 Chemicals known to cause reproductive toxicity:

108-88-3	Toluene
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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
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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
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108-88-3	Toluene	D
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110-19-0	Isobutyl Acetate	D
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1330-20-7	Xylene (mix)	D
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100-41-4	Ethyl Benzene	D
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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.

13463-67-7	Titanium Dioxide	3
108-88-3	Toluene	3
112926-00-8	Silicone Dioxide Amorphous Synthetic	3
1330-20-7	Xylene (mix)	3
110-91-8	Morpholine	3

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"

67-64-1	Acetone	A4
13463-67-7	Titanium Dioxide	A4
108-88-3	Toluene	A4
110-19-0	isobutyl acetate	A4
1330-20-7	Xylene (mix)	A4
110-91-8	Morpholine	A4

NIOSH:

13463-67-7	Titanium Dioxide
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17. 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