

Aexcel Corporation

Material Safety Data Sheet

24 Hour Emergency:
CHEMTREC: 1-800-424-9300

Outside U.S. and Canada
Chemtrec: 703-527-3887

NOTE: CHEMTREC, CANUTEC and National
Response Center emergency numbers to be used only
in the event of chemical emergencies involving a
spill, leak, fire, exposure or accident involving
chemicals

Section 1 - Chemical Product / Company Information

Product Name:	YELLOW 4:1 EXTRUDE	Revision Date:	01/23/2012
Identification Number:	25Y-G014	Supercedes :	06/02/2010
Product Use/Class:	55		
Supplier:	Aexcel Corporation 7373 Production Drive Mentor, OH 44060	Manufacturer:	Aexcel Corporation 7373 Production Drive Mentor, OH 44060
Preparer:	Webb, Lorie		

Section 2 - Composition / Information On Ingredients

<u>Chemical Name</u>	<u>CAS No.</u>	<u>Wt. %</u>	<u>ACGIH TLV-TWA</u>	<u>ACGIH TLV-STEL</u>	<u>OSHA PEL-TWA</u>
METHYL METHACRYLATE	80-62-6	14.	50	100	100
2-ETHYLHEXYL ACRYLATE	103-11-7	10.	3 mg/m3	ne	ne

Section 3 - Hazards Identification

Emergency Overview: Flammable liquid and vapor.

Effects Of Overexposure - Eye Contact: Direct eye contact may cause irritation.

Effects Of Overexposure - Skin Contact: Skin irritant.

Effects Of Overexposure - Inhalation: Inhalation may cause irritation to the respiratory tract (nose, mouth, mucous membranes).

Effects Of Overexposure - Ingestion: Harmful if swallowed. Harmful: may cause lung damage if swallowed.

Effects Of Overexposure - Chronic Hazards: Chronic exposure may cause nausea and vomiting, higher exposure causes unconsciousness.

Primary Route(s) Of Entry: Skin Contact, Skin Absorption, Inhalation, Ingestion, Eye Contact

This methyl methacrylate is one part of a two-part system of traffic safety paints. In use, this methyl methacrylate is combined with small amounts of an organic peroxide to produce rapidly cured films. Organic peroxides are unstable in the presence of heat or contaminants, such as strong acids, strong oxidizers, acetone and reducing agents. Handle these peroxides with the strict attention to the peroxide manufacturer's safety instructions.

Section 4 - First Aid Measures

First Aid - Eye Contact: In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Rinse

with plenty of water.

First Aid - Skin Contact: Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes.

First Aid - Inhalation: Move to fresh air. See a physician.

First Aid - Ingestion: Call a physician immediately. Do not induce vomiting without medical advice.

Section 5 - Fire Fighting Measures

Flash Point, F: 50 Deg.

Extinguishing Media: Carbon Dioxide, Dry Chemical, Foam

Unusual Fire And Explosion Hazards: Remove all sources of ignition.

Special Firefighting Procedures: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

<u>Chemical Name</u>	<u>LEL</u>	<u>UEL</u>	<u>FLASH POINT F.</u> <u>DEG</u>	<u>AUTO-IGNITION</u> <u>TEMP. F DEG</u>
METHYL METHACRYLATE	2.10	12.50	50.00	806
2-ETHYLHEXYL ACRYLATE	0.90	6.40	187.00	496

Section 6 – Accidental Release Measures

Steps To Be Taken If Material Is Released Or Spilled: Soak up with inert absorbent material and dispose of as hazardous waste.

Section 7 - Handling And Storage

Handling: Keep containers tightly closed. Take precautionary measures against static discharges. In the event of fire, cool the endangered containers with water. Vapors are heavier than air and can form an explosive mixture with air. Use explosion-proof equipment only. Containers of this material may be hazardous when emptied. Handle in accordance with good industrial hygiene and safety practice.

Storage: Harmful - Store away from foodstuffs. Keep away from sources of ignition. No smoking.

Section 8 - Exposure Controls / Personal Protection

Engineering Controls: Local ventilation of emission sources may be necessary to maintain ambient concentrations below recommended exposure limits.

Respiratory Protection: Use self-contained breathing apparatus.

Skin Protection: Impervious gloves.

Eye Protection: Safety glasses with side-shields or tightly fitted goggles.

Other protective equipment: Impervious clothing.

Hygienic Practices: Remove and wash contaminated clothing before re-use.

Section 9 - Physical And Chemical Properties

Odor: Characteristic
Appearance: Heavy Yellow Liquid

Specific Gravity: 1.804
Physical State: Liquid

(See section 16 for abbreviation legend)

<u>CHEMICAL NAME</u>	<u>VAPOR DENSITY</u>	<u>EVAPORATION RATE</u>	<u>BOILING POINT</u>	<u>VP mmHg</u>	<u>at DEG. F</u>
METHYL METHACRYLATE	3.6	3.1	212	40.0	68
2-ETHYLHEXYL ACRYLATE	6.4	ne	ne	1.0	68

Section 10 - Stability And Reactivity

Conditions To Avoid: Avoid heat, sparks, open flame and other ignition sources.

Incompatibility: Strong oxidizing agents. Keep away from strong oxidizing agents, heat and open flames.

Hazardous Decomposition Products: None when used as directed.

Hazardous Polymerization: Will not occur.

Stability: Stable under normal conditions.

Section 11 - Toxicological Information

No Data.

Section 12 - Ecological Information

Ecological Information: Do not allow material to contaminate ground water system.

Section 13 - Disposal Information

Disposal Information: Waste is hazardous. It must be disposed of in accordance with the regulations of competent local authorities. Contact waste disposal services. Do not flush into surface water or sanitary sewer system.

Section 14 - Transportation Information

DOT Proper Shipping Name:	Paint, Flammable Liquid	Packing Group:	II
DOT Hazard Class:	3	Resp. Guide Page:	128
DOT UN/NA Number:	1263		

Section 15 - Regulatory Information

CERCLA – SARA Hazard Category

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

SARA Section 312:

<u>Chemical Name</u>	<u>CAS Number</u>
METHYL METHACRYLATE	80-62-6
2-ETHYLHEXYL ACRYLATE	103-11-7

SARA Section 313:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372:

Chemical Name
METHYL METHACRYLATE

CAS Number
80-62-6

Toxic Substances Control Act:

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(B) if exported from the United States:

None

U.S. State Regulations: As follows –

California Proposition 65:

Warning: The following ingredients present in the product are known to the state of California to cause Cancer:

None

Warning: The following ingredients present in the product are known to the state of California to cause birth defects, or other reproductive hazards.

Chemical Name
1-METHYL-2-PYRROLIDONE

CAS Number
872-50-4

International Regulations: As follows –

CANADIAN WHMIS:

This MSDS has been prepared in compliance with Controlled Product Regulations except for the use of the 16 headings.

CANADIAN WHMIS CLASS:

Section 16 - Other Information

HMIS Ratings:

Health: 2 Flammability: 3 Reactivity: 2

VOLATILE ORGANIC COMPOUNDS, GR/LTR: 6.31

REASON FOR REVISION:

Legend: N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined

The information contained on this MSDS has been checked and should be accurate. However, it is the responsibility of the user to comply with all Federal, State, and Local laws and regulations.