



## Factor II, Incorporated

The Art, Science and Technology of  
Silicones and Prosthetics...

## Safety Data Sheet

Product Code J-305

Date of issue: 09-09-2016

Revision Date: 06-28-2021

Factor II Inc. encourages the end user to read this document entirely and understand all sections of this SDS sheet prior to use. There is important information regarding this product. The end user is expected to follow all precautions outlined in this SDS.

### SECTION 1: IDENTIFICATION

#### PRODUCT IDENTIFIER

**Product Name** : Monopoly Syrup  
**Product Code** : J-305  
**Intended Use(s)** : For professional use only

#### CONTACT INFORMATION FOR SUPPLIER OF SAFETY DATA SHEET

Factor II, Incorporated  
5642 White Mountain Ave  
PO Box 1339  
Lakeside AZ 85929  
928-537-8387  
[www.factor2.com](http://www.factor2.com)  
[sales@factor2.com](mailto:sales@factor2.com)

#### EMERGENCY TELEPHONE NUMBERS

928- 368-7502

### SECTION 2: HAZARD(S) IDENTIFICATION

#### GHS Classification

**Hazard class**

Flammable liquids, Category 2

**Hazard Pictogram(s)**



**Signal word**

Danger

**Hazard statement(s)**

H225 Highly flammable liquid and vapor  
H240 Heating may cause an explosion  
H317 May cause an allergic skin irritation



## Factor II, Incorporated

The Art, Science and Technology of  
Silicones and Prosthetics...

## Safety Data Sheet

Product Code J-305

Date of issue: 09-09-2016

Revision Date: 06-28-2021

H319 Causes serious eye irritation

### Precautionary statement(s)

#### Prevention

P210 Keep away from heat/sparks/open flame/hot surfaces, no smoking  
P233 Keep container tightly closed  
P240 Ground/bond container and receiving equipment  
P241 Use explosion-proof electrical/ventilating/lighting equipment  
P242 Use only non-sparking tools  
P243 Take precautionary measures against static discharge  
P261 Avoid breathing mist or vapors  
P271 Use only outdoors or in a well-ventilated area  
P272 Contaminated work clothing should not be allowed out of the workplace  
P280 Wear protective gloves/protective clothing/eye protection/ face protection

**Response**  
P302 + P352 + P314 + P362 IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing and wash before reuse. Seek medical attention if irritation persists.  
P304 + P340 + P314 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Seek medical attention if you feel unwell.  
P305 + P351 + P338 + P314 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical attention if you feel unwell.  
P301 + P311 + P322 IF SWALLOWED: Give one to two glasses of water if victim is alert. Call a POISON CENTER or doctor/physician.

**Storage**  
P401 + P404 + P235 + P410 + P412 Store in a cool, dry place away from heat, sparks, flame and direct sunlight. Do not expose to temperatures exceeding 70°F (21°C).

**Disposal**  
P501 Dispose of contents/container to an approved waste disposal plant.

### Other hazard(s)

Static-accumulating flammable liquid.



**SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS**

Ingredient	CAS Number	Concentration (%)
Particulates NOC	NE	< 1
Residual monomers	80-62-6	< 99

The specific chemical identities have been withheld as a trade secret.

**SECTION 4: FIRST-AID MEASURES**

In the case of accident or if you feel unwell, see medical attention immediately. When symptoms persist, or in all cases of doubt, seek medical attention.

First-aid instructions by relevant routes of exposure include:

- Inhalation** Remove victim to fresh air. Give oxygen or artificial respiration if not breathing. Seek medical attention if symptoms persist.
- Skin contact** Immediately wash thoroughly with soap and water while removing contaminated clothing and shoes. Seek medical attention. Wash clothing and thoroughly clean shoes before reuse.
- Eye contact** Immediately flush eyes with plenty of water for at least 15 minutes, including under eyelids. If worn and easy to do, remove contact lenses. Seek medical attention.
- Ingestion** DO NOT induce vomiting. Give two glasses of water to drink. Seek medical attention immediately.

**Most important symptoms and effects, both acute and delayed**

Causes serious eye irritation. May cause mild skin irritation.

**First aid responders**

First aid responders should pay attention to self-protection and use the recommended personal protective equipment when the potential for exposure exists.

**Note to physician**

Treat symptomatically and supportively.

**SECTION 5: FIRE-FIGHTING MEASURES**

**Suitable extinguishing media** Alcohol foam, carbon dioxide and dry chemical

**Unsuitable extinguishing media** High volume water jet



## Factor II, Incorporated

The Art, Science and Technology of  
Silicones and Prosthetics...

## Safety Data Sheet

Product Code J-305

Date of issue: 09-09-2016

Revision Date: 06-28-2021

<b>Specific hazards during fire</b>	Do not use a solid water stream as it may scatter and fighting spread fire. Flash back possible over considerable distance. Vapors may form explosive mixtures with air. Heat can cause polymerization with rapid release of energy which may rupture container explosively. Exposure to combustion products may be a hazard to health. Prevent buildup of vapors or gases to explosive concentrations.
<b>Hazardous combustion</b>	Oxides of carbon products
<b>Specific extinguishing methods</b>	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Evacuate area and eliminate sources of ignition. Use water spray to cool unopened containers. Remove undamaged containers from fire area if safe to do so.
<b>Special protective equipment</b>	In the event of fire, wear self-contained breathing apparatus. Use personal protective equipment. Firefighting equipment should be thoroughly decontaminated after use.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

#### Personal precautions and emergency procedures

Remove all sources of ignition, ventilate the area and keep upwind. Follow safe handling advice and personal protective equipment recommendations.

#### Environmental precautions

Discharge into the environment must be avoided. Prevent further leakage or spillage if safe to do so. Prevent spreading over a wide area by containment or oil barriers. Retain and dispose of contaminated wash water. Spills on porous surfaces can contaminate groundwater. Local authorities should be advised if significant spillages cannot be contained.

#### Methods and materials for containment and cleanup procedures

Non-sparking tools should be used. Soak up with inert absorbent materials. Suppress (knock down) gases/vapors/mist with a water spray jet. For large spills, provide diking or other appropriate containment to keep material from spreading. If diked material can be pumped, store recovered material in appropriate container. Clean up remaining materials from spill with suitable absorbent.

Local or national regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. You will need to determine which regulations are applicable. See Sections 13 and 15 of this SDS for information regarding certain local or national requirements.



**SECTION 7: HANDLING AND STORAGE**

**Technical measure**

Ensure all equipment is electrically grounded before beginning transfer operations. This material can accumulate static charge due to its inherent physical properties and can therefore cause an electrical ignition source to vapors. In order to prevent a fire hazard, as bonding and grounding may be insufficient to remove static electricity, it is necessary to provide an inert gas purge before beginning transfer operations. Restrict flow velocity in order to reduce the accumulation of static electricity.

**Local/total ventilation**

Use with local exhaust ventilation. Use only in an area equipped with explosion proof exhaust ventilation.

**Precautions for safe handling**

Do not get on skin or clothing. Do not breathe vapors or spray mist. Do not swallow. Do not get in eyes. Handle in accordance with good industrial hygiene and safety practice. Non-sparking tools should be used. Keep container tightly closed. Keep away from heat and sources of ignition. Take precautionary measures against static discharges. Take care to prevent spills, waste and minimize release to the environment.

**Conditions for safe storage**

Keep away from food, drink and animal feeding stuffs. Keep container tightly closed and in a cool, well-ventilated place away from heat, sparks, flame and direct sunlight. Store in accordance with the particular national regulations.

**Materials to avoid**

Oxidizing agents, reducing agents, peroxides, acids, alkalis, amines and UV light.

**SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION**

OSHA HAZARDOUS COMPONENTS					
		EXPOSURE LIMITS			
			OSHA PEL	ACGIH TLV	
Component Name, CAS Number			ppm	mg/m3	ppm
Particulates NOC, NE	TWA		15		NE
	STEL				
Residual Monomers, 80-62-6	TWA		100		NE
	STEL				



## Factor II, Incorporated

The Art, Science and Technology of  
Silicones and Prosthetics...

## Safety Data Sheet

Product Code J-305

Date of issue: 09-09-2016

Revision Date: 06-28-2021

### Engineering Controls

Processing may form hazardous compounds (see Section 10). Minimize workplace exposure concentrations. Use only in an area equipped with explosion proof exhaust ventilation. Use with local exhaust ventilation.

### Personal Protective Equipment Pictograms

Protective goggles. Gloves. Protective clothing, ventilation



### Respiratory

General and local exhaust ventilation is recommended to maintain vapor exposures below recommended limits. Where concentrations are above recommended limits or are unknown, appropriate respiratory protection should be worn. Follow OSHA respirator regulations (29 CFR 1910.134) and use NIOSH/MSHA approved respirators. Protection provided by air purifying respirators against exposure to any hazardous chemical is limited. Use a positive pressure air supplied respirator if there is any potential for uncontrolled release, exposure levels are unknown, or any other circumstance where air purifying respirators may not provide adequate protection.

### Eye/Face

Use safety goggles as a minimum when working with chemicals.

### Hands

Choose gloves to protect hands against chemicals depending on the concentration specific to place of work. For special applications, clarify the resistance to chemicals of the aforementioned protective gloves with the glove manufacturer. Wash hands thoroughly before breaks and at the end of workday.

### Skin/Body

Select appropriate protective clothing based on chemical resistance data and an assessment of the local exposure potential. Wear the following personal protective equipment: flame retardant antistatic protective clothing. Avoid skin contact by using protective clothing (gloves, aprons, boots, etc.).

### Hygiene measures

Ensure that eye flushing systems and safety showers are located close to the working place. When using do not eat, drink or smoke. Wash contaminated clothing before re-use. These precautions are for room temperature handling. Use at elevated temperature or aerosol/spray applications may require added precautions. For further information regarding the use of silicones / organic oils in consumer aerosol applications,



## Factor II, Incorporated

The Art, Science and Technology of  
Silicones and Prosthetics...

## Safety Data Sheet

Product Code J-305

Date of issue: 09-09-2016

Revision Date: 06-28-2021

please refer to the guidance document regarding the use of these type of materials in consumer aerosol applications that has been developed by the silicone industry ([www.SEHSC.com](http://www.SEHSC.com)).

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Clear liquid
<b>Upper/lower flammability or explosive limits</b>	12.5 / 2.12
<b>Odor</b>	Acrid
<b>Vapor pressure</b>	28 mm Hg @ 68°F
<b>Odor</b>	Acrid Odor
<b>Vapor density</b>	3.5 @ 60°F
<b>pH</b>	No data available
<b>Relative density</b>	No data available
<b>Melting point/freezing point</b>	No data available
<b>Solubility(ies)</b>	Moderate
<b>Initial boiling point and boiling range</b>	214°F (101°C)
<b>Flash point</b>	52.7°F (11.5°C)
<b>Evaporation rate</b>	Not applicable
<b>Flammability (solid, gas)</b>	No data available
<b>Partition coefficient n-octanol/water</b>	No data available
<b>Auto-ignition temperature</b>	No data available
<b>Decomposition temperature</b>	No data available
<b>Viscosity</b>	No data available

### SECTION 10: STABILITY AND REACTIVITY

<b>Reactivity</b>	Reactive
<b>Chemical stability</b>	Unstable; may polymerize at elevated temperatures.
<b>Hazardous reactions</b>	Highly flammable liquid and vapor. Temperatures above 70°F (21°C) can produce vapors that can mix with air and burn or be explosive. May form highly hazardous compounds. Can react with strong oxidizing agents. Hazardous decomposition products will be formed at elevated temperatures. Hazardous polymerization may occur.
<b>Conditions to avoid</b>	Heat above 70°F, flames and sparks; aging and contamination.



## Factor II, Incorporated

The Art, Science and Technology of  
Silicones and Prosthetics...

## Safety Data Sheet

Product Code J-305

Date of issue: 09-09-2016  
Revision Date: 06-28-2021

**Incompatibilities**                      Oxidizing agents, reducing agents, peroxides, acids, alkalis, amines and UV light. Material has strong solvent properties and can soften paint and rubber.

**Hazardous thermal**                      Oxides of carbon decomposition products

### SECTION 11: TOXICOLOGICAL INFORMATION

#### Mixture Toxicity

Inhalation Toxicity                      4,876mg/L

#### Component Toxicity

**Routes of Exposure**                      No data available

**Target Organs**                              Eyes Skin Respiratory System

**Effects of Overexposure**

**Product Components Listed as Carcinogenic**

### SECTION 12: ECOLOGICAL INFORMATION

#### Methacrylate monomer

Toxicity to fish	
LC50	Pimephales promelas (fathead minnow) 410 mg/l
Exposure time	96 h

Toxicity to aquatic invertebrates                      No data available

Toxicity to aquatic plants                                  No data available

**PERSISTENCE AND DEGRADABILITY**                      No data available

**BIOACCUMULATIVE POTENTIAL**                              No data available

**MOBILITY IN SOIL**    No data available

#### OTHER ADVERSE EFFECTS

The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

### SECTION 13: DISPOSAL CONSIDERATIONS





## Factor II, Incorporated

The Art, Science and Technology of  
Silicones and Prosthetics...

## Safety Data Sheet

Product Code J-305

Date of issue: 09-09-2016  
Revision Date: 06-28-2021

### Product

This product should not be allowed to enter drains, water courses or the soil. Do not contaminate ponds, waterways or ditches with chemical or used container.

### Resource Conservation Recovery Act (RCRA)

When a decision is made to discard this material as supplied, And it is classified as a RCRA hazardous waste.

**Waste Code** D001 Ignitability

**Waste from residues** Dispose of in accordance with local regulations

### Contaminated packaging

Dispose of as unused product. Do not re-use empty containers. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not burn, or use a cutting torch on, the empty drum.

## SECTION 14: TRANSPORT INFORMATION

### US DOT

Proper shipping name	Methyl methacrylate monomer, stabilized
UN number	UN1247
Hazard class(es)	3
Packing group	II
Labels	Flammable liquids
ERG Code	129P
Marine pollutant	No

### IATA and ICAO

Proper shipping name	Methyl methacrylate monomer, stabilized
UN number	UN1247
Hazard class(es)	3
Packing group	II
Labels	Flammable liquids
Packing instructions	Passenger/Cargo aircraft – 353

## SECTION 15: REGULATORY INFORMATION

### EPCRA - EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW

#### CERCLA Reportable Quantity

Ingredients	CAS Number	Component RQ (lbs)
Methyl methacrylate monomer	80-62-6	1,000



# Factor II, Incorporated

The Art, Science and Technology of  
Silicones and Prosthetics...

# Safety Data Sheet

Product Code J-305

Date of issue: 09-09-2016

Revision Date: 06-28-2021

## SARA 304 Extremely Hazardous Substances Reportable Quantity

Ingredients	CAS Number	Component RQ (lbs)
Methyl methacrylate monomer	80-62-6	1,000

## SARA 311/312 Hazards

Fire hazard  
Acute health hazard  
Reactive hazard

## SARA 302

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

## SARA 313

The following components are subject to reporting levels established by SARA Title III, Section 313:

Methyl methacrylate monomer	80-62-6	99%
-----------------------------	---------	-----

## US STATE REGULATIONS

### California Prop 65

This product contains no chemical(s) known in the State of California to cause birth defects or other reproductive harm.

### Massachusetts Right To Know

Methyl methacrylate monomer	80-62-6	99%
-----------------------------	---------	-----

### New Jersey Right To Know

Methyl methacrylate monomer	80-62-6	99%
-----------------------------	---------	-----

### Pennsylvania Right To Know

Methyl methacrylate monomer	80-62-6	99%
-----------------------------	---------	-----

### Rhode Island Right To Know

Methyl methacrylate monomer	80-62-6	99%
-----------------------------	---------	-----

The ingredients of this product are reported in the following inventories:

<b>NZIoC</b>	All ingredients listed or exempt
<b>REACH</b>	All ingredients (pre-) registered or exempt
<b>TSCA</b>	All chemical substances in this material are included on or exempted from listing on the TSCA Inventory of Chemical Substances
<b>AICS</b>	All ingredients listed or exempt
<b>IECSC</b>	All ingredients listed or exempt
<b>ENCS/ISHL</b>	All components are listed on ENCS/ISHL or exempted from inventory listing
<b>KECI</b>	All ingredients listed, exempt or notified
<b>PICCS</b>	All ingredients listed or exempt



## Factor II, Incorporated

The Art, Science and Technology of  
Silicones and Prosthetics...

## Safety Data Sheet

Product Code J-305

Date of issue: 09-09-2016

Revision Date: 06-28-2021

**DSL** All chemical substances in this product comply with the CEPA 1999 and NSNR and are on or exempt from listing on the Canadian Domestic Substances List (DSL)

**Inventories:** AICS (Australia), DSL (Canada), IECSC (China), REACH (European Union), ENCS (Japan), ISHL (Japan), KECI (Korea), NZIoC (New Zealand), PICCS (Philippines), TSCA (USA)

### SECTION 16: OTHER INFORMATION

#### HMIS III:

<b>Health</b>	2 – Moderate
<b>Flammability</b>	3 – High
<b>Physical Hazards</b>	2 – Moderate

#### NFPA:

<b>Health</b>	2 – Moderate
<b>Flammability</b>	3 – High
<b>Instability</b>	2 – Moderate
<b>Special hazard</b>	

#### Factor II, Inc.

*This is to certify that the above designated material has been tested and did comply with the listed specifications (with listed exceptions) when supplied in original container. The material is subject to the conditions listed on the invoice. The above is a copy of information on file. The lot acceptance data are available for examination. This is a computer-generated document that is valid without a signature. The information above is supplied in good faith and, to the best of our knowledge, is based on available sources believed to be reliable and accurate. This document and any information provided herein are for your guidance only. The use by the requestor is beyond Factor II control; therefore, the responsibility for appropriate and safe use of the above information lies with the End user. Factor II shall not be responsible for any misuse and/or misapplication of the information in this document.*

Factor II, Inc. urges each customer or recipient of this SDS to study it carefully to become aware of and understand the hazards associated with the product. The reader should consider consulting reference works or individuals who are experts in ventilation, toxicology and/or fire prevention as necessary or appropriate to the use and understanding of the data contained in this SDS. To promote safe handling each customer or recipient should 1) notify and furnish its employees, agents, contractors, customers and/or others whom it knows or believes will use this material of the information regarding hazards or safety, and 2) request its customers to notify their employees, customers and other users of the product of this information.



**Factor II, Incorporated**

The Art, Science and Technology of  
Silicones and Prosthetics...

**Safety Data Sheet**

Product Code J-305

Date of issue: 09-09-2016

Revision Date: 06-28-2021