



Safety Data Sheet

GHS Compliant

SDS No. RD407F

Section 1 - Identification

- 1.1 Product Identifier:** RD 407 Flesh Tone Mask Making Latex
- 1.2 General Use:** Mask Making
- 1.3 Manufacturer:** The Monster Makers, Inc.,
13597 West Parkway Rd., Cleveland, OH 44135
Phone: (216) 671-8700
sales@monstermakers.com
- 1.4 Emergency Contact:** Chem-Tel
Domestic: 800-255-3924 International 813-248-0585

Section 2 - Hazards

- 2.1 Physical Hazards:** Not Classified.
- 2.2 Health Hazards:** Skin Corrosion/irritation
Serious eye damage/eye irritation
Carcinogenicity
Specific target organ toxicity, repeated exposure
Hazardous to the aquatic environment, acute hazard

OSHA defined hazards: Not classified

Pictograms:



Signal Word: Danger

Hazard Statement: Causes skin irritation. Causes serious eye irritation. May cause cancer. Causes damage to organs through prolonged or repeated exposure. Harmful to aquatic life.

Precautionary Statement: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe mist or vapor. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection.

Response: If on skin: Wash with plenty of water.
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If exposed or concerned: Get medical advice/attention.
If skin irritation occurs: Get medical advice/attention.
If eye irritation persists: Get medical advice/attention.
Take off contaminated clothing and wash before reuse.

Storage: Store locked up.



Safety Data Sheet

GHS Compliant

SDS No. RD407F

Disposal: Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazard(s) not otherwise classified (HNOC): None known.

Supplemental information: 14.91% of the mixture consists of component(s) of unknown acute oral toxicity. 16.06% of the mixture consists of component(s) of unknown acute dermal toxicity. 14.91% of the mixture consists of component(s) of unknown acute hazards to the aquatic environment. 14.91% of the mixture consists of component(s) of unknown long-term hazards to the aquatic environment.

Hazards not otherwise classified (HNOC) or not covered by GHS

Section 3 - Composition / Information on Ingredients

3.1 Substances

Mixtures:

Chemical Name	CAS Number	%
Ammonium Hydroxide	1336-21-6	1 - < 3
Titanium Dioxide	13463-67-7	1 - < 3
2-butoxyethanol	111-76-2	<0.1
Diethanolamine	111-42-2	<0.1
Diethylene Glycol Ethyl Ether	111-90-0	<0.1
Formaldehyde	50-00-0	<0.1
Iron Oxide	1309-37-1	<0.1
Manganite	1317-34-6	<0.1
Methanol	67-56-1	<0.1
Naphthalene	91-20-3	<0.1
Potassium Hydroxide	1310-58-3	<0.1
Silica, quartz	14808-60-7	<0.1
Sodium Hydroxide	1310-73-2	<0.1
Zinc Oxide	1314-13-2	<0.1
Ethylene Glycol	107-21-1	<0.02
Ethanol	64-17-5	<0.0007
Methyl Isobutyl Ketone	108-10-1	<0.00005
Ethyl Acetate	141-78-6	<0.000008
Other Components below reportable levels		90-100

*Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.

Section 4 - First Aid Measures

4.1 Description of first aid measures

Inhalation: Move to fresh air. Call a physician if symptoms develop or persist.



Safety Data Sheet

SDS No. RD407F

- Eye Contact:** Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.
- Skin Contact:** Remove contaminated clothing. Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Wash contaminated clothing before reuse.
- Ingestion:** Rinse mouth. Get medical attention if symptoms occur.

4.2 Most important symptoms and effects, both acute and delayed:

Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness and pain. Prolonged exposure may cause chronic effects.

Indication of immediate medical attention and special treatment needed:

Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed

General Information: IF exposed or concerned: Get medical advice/attention. If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

4.3 After first aid, get appropriate in-plant, paramedic, or community medical support.

Section 5 - Fire-Fighting Measures

- 5.1 Extinguishing Media:** Water fog. Foam. Dry chemical powder. Carbon dioxide (CO₂).
Unsuitable Extinguishing Media:
Do not use water jet as an extinguisher, as this will spread the fire
- 5.2 Special hazards arising from the substance or mixture:**
During fire, gases hazardous to health may be formed.
Special protective equipment and precautions for firefighters:
Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
- 5.3 Advice for firefighters:** Move containers from fire area if you can do so without risk
Use standard firefighting procedures and consider the hazards of other involved materials. No unusual fire or explosion hazards noted.

Section 6 - Accidental Release Measures

- 6.1 Personal Precautions, protective equipment and emergency procedures:**
Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Do not breathe mist or vapor. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate



Safety Data Sheet

SDS No. RD407F

ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

6.2 Environmental precautions:

Avoid release to the environment. Inform appropriate managerial or supervisory personnel of all environmental releases. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground.

6.3 Methods and materials for containment and cleaning up:

Prevent product from entering drains.

Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Never return spills to original containers for re-use. Put material in suitable, covered, labeled containers. For waste disposal, see section 13 of the SDS.

Section 7 - Handling and Storage

7.1 Precautions for safe handling:

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe mist or vapor. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. When using, do not eat, drink or smoke. Should be handled in closed systems, if possible. Provide adequate ventilation. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Avoid release to the environment. Observe good industrial hygiene practices.

7.2 Conditions for safe storage, including any incompatibilities

Store locked up. Store in original tightly closed container. Store away from incompatible materials (see Section 10 of the SDS).

Section 8 – Exposure Controls / Personal Protection

8.1 Occupational exposure limits:

The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit. At this time, the other constituents have no known exposure limits.

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Components	Type	Value
Formaldehyde (CAS 50-00-0)	STEL	2ppm
	TWA	0.75 ppm

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value	Form
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Safety Data Sheet

SDS No. RD407F

2-butoxyethanol (CAS 111-76-2)	PEL	240 mg/m3	
Ammonium Hydroxide (CAS 1336-21-6)	PEL	35 mg/m3 50 ppm	
Ethanol (CAS 64-17-5)	PEL	1900 mg/m3 1000 ppm	
Ethyl Acetate (CAS 141-78-6)	PEL	1400 mg/m3 400 ppm	
Iron Oxide (CAS 1309-37-1)	PEL	10 mg/m3	Fume.
Manganite (CAS 1317-34-6)	Ceiling	5 mg/m3	
Methanol (CAS 67-56-1)	PEL	260 mg/m3 200 ppm	
Methyl Isobutyl Ketone(CAS 108-10-1)	PEL	410 mg/m3 100 ppm	
Naphthalene (CAS 91-20-3)	PEL	50 mg/m3 10 ppm	
Silica, quartz (CAS 14808-60-7)	PEL	0.05 mg/m3	Respirable Dust
Sodium Hydroxide (CAS 1310-73-2)	PEL	2mg/m3	
Titanium Dioxide (CAS 13463-67-7)	PEL	15 mg/m3	Total Dust
Zinc Oxide (CAS 1314-13-2)	PEL	5 mg/m3	Respirable Fraction
		5 mg/m3	Fume.
		15 mg/m3	Total dust.

US. OSHA Table Z-3 (29 CFR 1910.1000)

Components	Type	Value	Form
Iron Oxide	TWA	5 mg/m3	Respirable Fraction.
		15 mg/m3	Total Dust.
		50 mppcf	Total Dust.
		15 mppcf	Respirable Fraction.
Silica, quartz (CAS 14808-60-7)	TWA	0.1 mg/m3	Respirable
		2.4 mppcf	Respirable
Titanium Dioxide (CAS 13463-67-7)	TWA	5 mg/m3	Respirable Fraction.
		15 mg/m3	Total dust.
		50 mppcf	Total dust.
		15 mppcf	Respirable Fraction

US. ACGIH Threshold Limit Values

Components	Type	Value	Form
2-butoxyethanol	TWA	20 ppm	
Ammonium Hydroxide (CAS 1336-21-6)	STEL	35 ppm	
	TWA	25 ppm	
Diethanolamine (CAS 111-42-2)	TWA	1 mg/m3	Inhalable fraction and vapor.
Ethanol (CAS 64-17-5)	STEL	1000 ppm	



Safety Data Sheet

SDS No. RD407F

Ethyl Acetate (CAS 141-78-6)	TWA	400 ppm	
Ethylene Glycol (CAS 107-21-1)	Ceiling	100 mg/m3	Aerosol.
Formaldehyde (CAS 50-00-0)	Ceiling	0.3 ppm	
Iron Oxide (CAS 1309-37-1)	TWA	5 mg/m3	Respirable Fraction
Manganite (CAS 1317-34-6)	TWA	.01 mg/m3 .02 mg/m3	Inhalable Fraction Respirable Fraction
Methanol (CAS 67-56-1)	STEL TWA	250 ppm 200 ppm	
Methyl Isobutyl Ketone(CAS 108-10-1)	STEL TWA	75 ppm 20 ppm	
Naphthalene (CAS 91-20-3)	TWA	10 ppm	
Potassium Hydroxide (CAS 1310-58-3)	Ceiling	2 mg/m3	
Silica, quartz (CAS 14808-60-7)	TWA	0.025 mg/m3	Respirable fraction.
Sodium Hydroxide (CAS 1310-73-2)	Ceiling	2 mg/m3	
Titanium Dioxide (CAS 13463-67-7)	TWA	10 mg/m3	
Zinc Oxide (CAS 1314-13-2)	STEL TWA	10 mg/m3 2 mg/m3	Respirable fraction. Respirable fraction.

US. NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value	Form
2-butoxyethanol (CAS 111-76-2)	TWA	24 mg/m3 5 ppm	
Ammonium Hydroxide (CAS 1336-21-6)	STEL TWA	27 mg/m3 35 ppm 18 mg/m3 25 ppm	
Diethanolamine (CAS 111-42-2)	TWA	25 mg/m3 3 ppm	
Ethanol (CAS 64-17-5)	TWA	1900 mg/m3 1000 ppm	
Ethyl Acetate (CAS 141-78-6)	TWA	1400 mg/m3 400 ppm	
Formaldehyde (CAS 50-00-0)	Ceiling TWA	0.1 ppm 0.016 ppm	
Iron Oxide (CAS 1309-37-1)	TWA	5 mg/m3	Dust and fume.
Manganite (CAS 1317-34-6)	STEL	3 mg/m3	Fume



Safety Data Sheet

SDS No. RD407F

	TWA	1 mg/m ³	Fume
Methanol (CAS 67-56-1)	STEL	325 mg/m ³ 250 ppm	
	TWA	260 mg/m ³ 200 ppm	
Methyl Isobutyl Ketone(CAS 108-10-1)	STEL	300 mg/m ³ 75 ppm	
	TWA	205 mg/m ³ 50 ppm	
Naphthalene (CAS 91-20-3)	STEL	75 mg/m ³ 15 ppm	
	TWA	50 mg/m ³ 10 ppm	
Potassium Hydroxide (CAS 1310-58-3)	TWA	2 mg/m ³	
Silica, quartz (CAS 14808-60-7)	TWA	.05 mg/m ³	Respirable Dust
Sodium Hydroxide (CAS 1310-73-2)	Ceiling	15 mg/m ³	
Zinc Oxide (CAS 1314-13-2)	Ceiling	10 mg/m ³	Dust
	STEL	5 mg/m ³	Fume
	TWA	5 mg/m ³	Fume
		5 mg/m ³	Dust

US. Workplace Environmental Exposure Level (WEEL) Guides

Components	Type	Value
Diethylene Glycol Ethyl Ether (CAS 111-90-0)	TWA	140 mg/m ³ 25 ppm

Biological limit values ACGIH

Biological Exposure Indices

Components	Value	Determinant	Specimen	Sampling Time
2-butoxyethanol (CAS 111-76-2)	200 mg/g	Butoxyacetic acid (BAA), with hydrolysis	Creatinine in urine	*
Methanol (CAS 67-56-1)	15 mg/l	Methanol	Urine	*
Methyl Isobutyl Ketone(CAS 108-10-1)	1 mg/l	Methyl Isobutyl Ketone	Urine	*

* - For sampling details, please see the source document.

Exposure guidelines

US - California OELs: Skin designation

2-butoxyethanol (CAS 111-76-2) Can be absorbed through the skin.

Diethanolamine (CAS 111-42-2) Can be absorbed through the skin.

Methanol (CAS 67-56-1) Can be absorbed through the skin.

Naphthalene (CAS 91-20-3) Can be absorbed through the skin.

US - Minnesota Haz Subs: Skin designation applies

2-butoxyethanol (CAS 111-76-2) Skin designation applies.



Safety Data Sheet

GHS Compliant

SDS No. RD407F

Methanol (CAS 67-56-1) Skin designation applies.

US - Tennessee OELs: Skin designation

2-butoxyethanol (CAS 111-76-2) Can be absorbed through the skin.

Methanol (CAS 67-56-1) Can be absorbed through the skin.

US ACGIH Threshold Limit Values: Skin designation

Diethanolamine (CAS 111-42-2) Can be absorbed through the skin.

Methanol (CAS 67-56-1) Can be absorbed through the skin.

Naphthalene (CAS 91-20-3) Can be absorbed through the skin.

US NIOSH Pocket Guide to Chemical Hazards: Skin designation

2-butoxyethanol (CAS 111-76-2) Can be absorbed through the skin.

Methanol (CAS 67-56-1) Can be absorbed through the skin.

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

2-butoxyethanol (CAS 111-76-2) Can be absorbed through the skin. Good general ventilation (typically 10 air changes per hour) should be

Respiratory Protections: Chemical respirator with organic vapor cartridge and full facepiece.

Hand Protection: Wear appropriate chemical resistant gloves.

Eye Protection: Chemical respirator with organic vapor cartridge and full facepiece.

Other Protective Clothing/Equipment: Wear appropriate chemical resistant clothing.
Use of an impervious apron is recommended.

Comments: Observe any medical surveillance requirements. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

Section 9 - Physical and Chemical Properties

9.1 Information on basic physical and chemical properties:

Appearance: Liquid: Light brown	Vapor Pressure: .00001 hPa estimated
Odor/Threshold: Ammoniacal	Vapor Density (Air=1): N/A
pH: N/A	Specific Gravity (H₂O=1, at 4C): 1.03 estimated
Melting Point/Freezing Point: N/A	Water Solubility: N/A
Low/High Boiling Point: N/A	Partition Coefficient: N/A
Flash point: N/a	Auto-Ignition Temperature: N/A
Evaporation Rate: N/A	Decomposition Temperature: N/A
Flammability: Not applicable	Viscosity: N/A
UEL/LEL: N/A	% Volatile: N/A

Section 10 - Stability and Reactivity

10.1 Reactivity: The product is stable and non-reactive under normal conditions of use, storage and transport

10.2 Chemical Stability: Material is stable under normal conditions.

10.3 Possibility of hazardous reactions:



Safety Data Sheet

SDS No. RD407F

No dangerous reaction known under conditions of normal use.

- 10.4 **Conditions to avoid:** Contact with incompatible materials
- 105. **Incompatible Materials:** Fluorine
- 10.6 **Hazardous Decomposition Products:** No hazardous decomposition products are known

Section 11 - Toxicological Information**11.1 Information on Toxicological Effects:**

Skin Corrosion/Irritation: Causes skin irritation

Serious Eye Damage/Irritation: Causes serious eye irritation

Respiratory/Skin Sensitization: May cause damage to organs through prolonged repeated exposure by inhalation

ACGIH sensitization: FORMALDEHYDE (CAS 50-00-0)
Dermal sensitization Respiratory sensitization

Ingestion: Expected to be a low digestion hazard.

Germ Cell Mutagenicity: No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

Carcinogenicity: May cause cancer

IARC Monographs. Overall Evaluation of Carcinogenicity

2-butoxyethanol (CAS 111-76-2)	3 Not classifiable as to carcinogenicity to humans.
Diethanolamine (CAS 111-42-2)	2B Possibly carcinogenic to humans.
Formaldehyde (CAS 50-00-0)	1 Carcinogenic to humans.
Iron Oxide (CAS 1309-37-1)	3 Not classifiable as to carcinogenicity to humans.
Methyl Isobutyl Ketone (CAS 108-10-1)	2B Possibly carcinogenic to humans.
Naphthalene (CAS 91-20-3)	2B Possibly carcinogenic to humans.
Silica, quartz (CAS 14808-60-7)	1 Carcinogenic to humans.
Titanium Dioxide (CAS 13463-67-7)	2B Possibly carcinogenic to humans.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1052)

Formaldehyde (CAS 50-00-0)	Cancer
Silica, quartz (CAS 14808-60-7)	Cancer

US. National Toxicology Program (NTP) Report on Carcinogens

Formaldehyde (CAS 50-00-0)	Known To Be Human Carcinogen.
Naphthalene (CAS 91-20-3)	Reasonably Anticipated to be a Human Carcinogen.
Silica, quartz (CAS 14808-60-7)	Known To Be Human Carcinogen.

Reproductive Toxicity: This product is not expected to cause reproductive or developmental effects

Specific Target Organ Toxicity - Single Exposure: Not classified

Specific Target Organ Toxicity - Repeated Exposure:

Causes damage to organs through prolonged or repeated exposure



Safety Data Sheet

GHS Compliant

SDS No. RD407F

Aspiration Hazard: Not an aspiration hazard

Acute Toxicity: Not known

Components	Species	Test Results
Acute Dermal LD50	Rabbit	400 mg/kg
Acute Oral LD50	Rat	560 mg/kg
Ammonium Hydroxide (CAS 1336-21-6) Acute Oral LD50	Rat	350 mg/kg
Diethanolamine (CAS 111-42-2) Acute Oral LD50	Rat	710 mg/kg
Diethylene Glycol Ethyl Ether (CAS 111-90-0) Acute Oral LD50	Rat	1920 mg/kg
Formaldehyde (CAS 50-00-0) Acute Inhalation LC50	Rat	0.48 mg/l, 4 Hours
Acute Oral LD50	Rat	100 mg/kg
Methyl Isobutyl Ketone(CAS 108-10-1) Acute Inhalation LC50	Rat	8.2 mg/l, 4 Hours
Naphthalene (CAS 91-20-3) Acute Dermal LD50	Rabbit	>2 g/kg
Acute Oral LD50	Rat	490 mg/kg
Potassium Hydroxide (CAS 1310-58-3) Acute Oral LD50	Rat	273 mg/kg

Chronic Exposure: Causes damage to organs through prolonged or repeated exposure. Prolonged inhalation may be harmful.

Potential Health Effects - Miscellaneous: None

**Section 12 - Ecological Information**

- 12.1 Toxicity:** Harmful to aquatic life.
- 12.2 Persistence and Degradability:**
No data is available on the degradability of any ingredients in the mixture
- 12.3 Bioaccumulative Potential:**
- | Partition coefficient n-octanol / water (log Kow) | |
|--|-------|
| 2-butoxyethanol | 0.83 |
| Diethanolamine | -1.43 |
| Diethylene Glycol Ethyl Ether | -0.54 |
| Ethanol | -0.31 |
| Ethyl Acetate | 0.73 |
| Ethylene Glycol | -1.36 |
| Formaldehyde | 0.35 |
| Methanol | -0.77 |
| Methyl Isobutyl Ketone | 1.31 |
| Naphthalene | 3.3 |
- 12.4 Mobility in Soil:** No data available
- 12.5 Other Adverse Effects:** No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

13 - Disposal Considerations

- 13.1 Waste Treatment Methods:**
- Disposal Instructions:** Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.
- Local disposal regulations:** Dispose in accordance with all applicable regulations
- Hazardous Waste Code:** The waste code should be assigned in discussion between the user, the producer and the waste disposal company.
- Waste from residues / unused products:** Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).
- Contaminated packaging:** Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

Section 14 - Transport Information

- 14.1 DOT:** Not regulated as dangerous goods.



Safety Data Sheet

GHS Compliant

SDS No. RD407F

IATA: Not regulated as dangerous goods.

IMDG: Not regulated as dangerous goods.

14.2 Transport in Bulk according to Annex II of MARPOL73/78 and the IBC Code: Not Established

Section 15 - Regulatory Information

15.1 US federal regulations This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D) Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)

- 2-butoxyethanol (CAS 111-76-2) Listed.
- Ammonium Hydroxide (CAS 1336-21-6) Listed.
- Diethanolamine (CAS 111-42-2) Listed.
- Diethylene Glycol Ethyl Ether (CAS 111-90-0) Listed.
- Ethanol (CAS 64-17-5) Listed.
- Ethyl Acetate (CAS 141-78-6) Listed.
- Ethylene Glycol (CAS 107-21-1) Listed.
- Formaldehyde (CAS 50-00-0) Listed.
- Manganite (CAS 1317-34-6) Listed.
- Methanol (CAS 67-56-1) Listed.
- Methyl Isobutyl Ketone(CAS 108-10-1) Listed.
- Naphthalene (CAS 91-20-3) Listed.
- Potassium Hydroxide (CAS 1310-58-3) Listed.
- Sodium Hydroxide (CAS 1310-73-2) Listed.
- Zinc Oxide (CAS 1314-13-2) Listed.

SARA 304 Emergency release notification

Formaldehyde (CAS 50-00-0) 100 LBS

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1052)

- Formaldehyde (CAS 50-00-0) Cancer
- Silica, quartz (CAS 14808-60-7) Cancer
- Formaldehyde (CAS 50-00-0) Skin sensitization
- Silica, quartz (CAS 14808-60-7) lung effects
- Formaldehyde (CAS 50-00-0) Respiratory sensitization
- Silica, quartz (CAS 14808-60-7) immune system effects
- Formaldehyde (CAS 50-00-0) Eye irritation
- Silica, quartz (CAS 14808-60-7) kidney effects
- Formaldehyde (CAS 50-00-0) Skin irritation respiratory tract irritation
- Acute toxicity



Safety Data Sheet

GHS Compliant

SDS No. RD407F

Flammability

Superfund Amendments and Reauthorization Act of 1986 (SARA)

SARA 302 Extremely hazardous substance

Chemical Name	CAS Number	Reportable Quantity (Pounds)	Threshold Planning Quantity (Pounds)
Formaldehyde	50-00-0	100	500

SARA 311/312 Hazardous chemical: Yes

Classified hazard categories:

- Skin corrosion or irritation
- Serious eye damage or eye irritation
- Carcinogenicity Specific target organ toxicity (single or repeated exposure)

SARA 313 (TRI reporting)

Chemical Name	CAS Number	% by wt.
Ammonium Hydroxide	1336-21-6	1-< 3
Formaldehyde	50-00-0	<0.1
Naphthalene	91-20-3	<0.1

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

- Diethanolamine (CAS 111-42-2)
- Diethylene Glycol Ethyl Ether (CAS 111-90-0)
- Ethylene Glycol (CAS 107-21-1)
- Formaldehyde (CAS 50-00-0)
- Manganite (CAS 1317-34-6)
- Methanol (CAS 67-56-1)
- Methyl Isobutyl Ketone (CAS 108-10-1)
- Naphthalene (CAS 91-20-3)

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

- Formaldehyde (CAS 50-00-0)

Safe Drinking Water Act (SDWA) Not Regulated

Drug Enforcement Administration (DEA). List 2, Essential Chemicals (21 CFR 1310.02(b) and 1310.04(f)(2) and Chemical Code Number

- Methyl Isobutyl Ketone(CAS 108-10-1) 6715

Drug Enforcement Administration (DEA). List 1 & 2 Exempt Chemical Mixtures (21 CFR 1310.12(c))

- Methyl Isobutyl Ketone(CAS 108-10-1) 35 %WV

DEA Exempt Chemical Mixtures Code Number

- Methyl Isobutyl Ketone(CAS 108-10-1) 6715

FEMA Priority Substances Respiratory Health and Safety in the Flavor Manufacturing Workplace

- Ethanol (CAS 64-17-5) Low priority
- Ethyl Acetate (CAS 141-78-6) Low priority



Safety Data Sheet

GHS Compliant

SDS No. RD407F

Methyl Isobutyl Ketone (CAS 108-10-1) Low priority

US state regulations

California Proposition 65

WARNING: This product can expose you to chemicals including Ethanol, which is known to the State of California to cause cancer and birth defects or other reproductive harm.

For more information go to www.P65Warnings.ca.gov.

California Proposition 65 - CRT: Listed date/Carcinogenic substance

Diethanolamine (CAS 111-42-2)	Listed: June 22, 2012
Ethanol (CAS 64-17-5)	Listed: April 29, 2011 Listed: July 1, 1988
Formaldehyde (CAS 50-00-0)	Listed: January 1, 1988
Methyl Isobutyl Ketone (CAS 108-10-1)	Listed: November 4, 2011
Naphthalene (CAS 91-20-3)	Listed: April 19, 2002
Silica, quartz (CAS 14808-60-7)	Listed: October 1, 1988
Titanium Dioxide (CAS 13463-67-7)	Listed: September 2, 2011

California Proposition 65 - CRT: Listed date/Developmental toxin

Ethanol (CAS 64-17-5)	Listed: October 1, 1987
Ethylene Glycol (CAS 107-21-1)	Listed: June 19, 2015
Methanol (CAS 67-56-1)	Listed: March 16, 2012
Methyl Isobutyl Ketone (CAS 108-10-1)	Listed: March 28, 2014

US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd. (a))

- 2-butoxyethanol (CAS 111-76-2)
- Diethanolamine (CAS 111-42-2)
- Diethylene Glycol Ethyl Ether (CAS 111-90-0)
- Ethylene Glycol (CAS 107-21-1)
- Formaldehyde (CAS 50-00-0)
- Methanol (CAS 67-56-1)
- Methyl Isobutyl Ketone (CAS 108-10-1)
- Naphthalene (CAS 91-20-3)
- Silica, quartz (CAS 14808-60-7)
- Sodium Hydroxide (CAS 1310-73-2)
- Titanium Dioxide (CAS 13463-67-7)

Country(s) or region	Inventory Name	On Inventory (yes/no)*
Australia	Australian Inventory of Chemical Substance s (AICS)	No
Canada	Domestic Substances List (DSL)	No
Canada	Non-Domestic Substances List (NDSL)	No



Safety Data Sheet

SDS No. RD407F

China	Inventory of Existing Chemical Substances in China (IECSC)	No
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	No
New Zealand	New Zealand Inventory	No
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	No
Taiwan	Taiwan Toxic Chemical Substances (TCS)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

Section 16 - Other Information

HMIS	
H	3
F	0
R	0



SDS Version: 3

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Glossary: ACGIH-American Conference of Governmental Industrial Hygienists; ANSI-American National Standards Institute; Canadian TDG-Canadian Transportation of Dangerous Goods; CASChemical Abstract Service; Chemtrec-Chemical Transportation Emergency Center (US); CHIPChemical Hazard Information and Packaging; DSL-Domestic Substances List; EC-Equivalent Concentration; EH40 (UK)-HSE Guidance Note EH40 Occupational Exposure Limits; EPCRAEmergency Planning and Community Right-To-Know Act; ESL-Effects screening levels; GHS-Globally Harmonized System of Classification and Labelling of Chemicals; HMIS-Hazardous Material Information Service; IATA-International Air Transport Association; IMDG-International Maritime Dangerous Goods Code; LC-Lethal Concentration; LD-Lethal Dose; LEL-Lower Explosion Level; NFPA-National Fire Protection Association; OEL-Occupational Exposure Limit; OSHA-Occupational Safety and Health Administration, US Dept. of Labor; PEL-Permissible Exposure Limit; SARA (Title III)-Superfund Amendments and Reauthorization Act; SARA 313-Superfund Amendments and Reauthorization Act, Section 313; SCBA-Self-Contained Breathing Apparatus; STEL-Short Term Exposure Limit; TCEQTexas Commission on Environmental Quality; TLV-Threshold Limit Value; TSCA-Toxic Substances Control Act Public Law 94-469; TWA-Time Weighted Value; UEL-Upper



Safety Data Sheet

GHS Compliant

SDS No. RD407F

Explosion Level; US DOT-US Department of Transportation; WHMIS-Workplace Hazardous Materials Information System.

Disclaimer: The information contained in this Safety Data Sheet (SDS) is considered accurate as of the version date. However, no warranty is expressed or implied regarding the accuracy of the data. Since the use of this product is not within the control of The Monster Makers, Inc. regardless of the legal theory advanced, it is the user's obligation to determine the suitability of the product for its intended application and assumes all risk and liability for its safe use. This SDS is prepared to comply with the Globally Harmonized System of Classification and Labelling of Chemicals (GHS) as prescribed by the United States (US) Occupational Safety and Health Administration (OSHA) Hazard Communication Standard (29 CFR 1910.1200), the Canadian Workplace Hazardous Materials Information System (WHMIS), and European Union Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 (REACH). Classifications of the chemical in accordance with 29 CFR 1910.1200, signal word, hazard and precautionary statement(s), symbol(s) and other information are based on listed concentration of each hazardous ingredient. Unlisted ingredients are not "hazardous" per the OSHA Hazard Communication Standard (29 CFR 1910.1200), WHMIS and EC No 1907/2006 and are considered trade secrets under US Federal Law (29 CFR and 40 CFR), Canadian Law (Health Canada Legislation), and European Union Directives.