SAFETY DATA SHEET

This SDS is Classified to the 2012 OSHA Hazard Communication Standard 29 CFR 1920.1200.

SDS #: UMP-01-1
DATE PREPARED: 2/15/2024

SECTION 1: IDENTIFICATION

1.1 Identification
Product form : Mixture
Product name : IB Urethane Metal Primer

1.2 Use
Recommended use: Protection of construction materials on flat/low-sloped and steep-sloped roofs.
Restrictions on use: For exterior use only. Do not use it indoors. Adequate ventilation recommended.

1.3 Supplier
IB Roof Systems, Inc.
506 E. Dallas Rd Suite 300
Grapevine, Texas 76051
Information: 800-426-1626 • www.ibroof.com
Fax: 972-915-6802
Safety Data Sheet Competent Person: Technical@ibroof.com

1.4 Emergency Telephone Number
3E Emergency Response U.S. 855-280-2834
3E Emergency Response International 760-602-8703

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture
GHS-US classification

Flammable Liquids:	Category 3 – H226
Acute toxicity (inhalation):	Category 3 – H331
Skin corrosion/irritation:	Category 2 – H315
Serious eye damage/eye irritation:	Category 2 – H319
Respiratory Sensitization:	Category 1 – H334
Skin Sensitization:	Category 1 – H317
Carcinogenicity:	Category 2 – H351
Specific Target Organ Toxicity – Repeated Exposure:	Category 2 – H372
Hazardous to the aquatic environment – Acute Hazard:	Category 2 – H401
Hazardous to the aquatic environment – Chronic Hazard:	Category 2 – H411

2.2 GHS Label elements, including precautionary statements
GHS US labelling
Hazard pictograms (GHS US):

Signal word (GHS US): Danger

Hazard statements (GHS US):
H226: Flammable liquid and vapor.
H315: Causes skin irritation.
H317: May cause an allergic skin reaction.
H319: Causes serious eye irritation.
H331: Toxic if inhaled
H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H351: Suspected of causing cancer
H372: Causes damage to organs through prolonged or repeated exposure.

Precautionary statements (GHS US): P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood
P210 Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking.
P233 Keep container tightly closed.
P240 Ground/Bond container and receiving equipment.
P241 Use explosion-proof electrical/ventilating/lightning equipment.
P242 Use only non-sparking tools.
P243 Take precautionary measures against static discharge
P260 Do not breathe mist/vapors/spray
P264 Wash hands, forearms, and face thoroughly after handling.
P270 Do not eat, drink, or smoke when using this product.
P271 Use only outdoors or in a well-ventilated area.
P272 Contaminated work clothing must not be allowed out of the workplace.
P273 Avoid release to the environment.
P280 Wear protective gloves, eye protection, face protection, protective clothing.
P284 In case of inadequate ventilation, wear respiratory protection.

Precautionary Statements (Response): P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304 + P341: IF INHALED: If breathing is difficult, remove person to fresh air and keep comfortable for breathing.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P314: Get medical attention if you feel unwell.
P333 + P313: IF skin irritation or rash occurs: Get medical attention.
P337+P313: If eye irritation persists: Get medical advice/attention.
P342 + P311: IF experiencing respiratory symptoms: Call a POISON CENTER, a doctor.
P362+P364: Take off contaminated clothing and wash it before reuse.
P363: Wash contaminated clothing before reuse.
P370+ P378: In case of fire: Use media other than water to extinguish.
P403+P233+P235: Store in a well-ventilated place. Keep container tightly closed. Keep cool.
P405 Store locked up.
P501 - Dispose of contents/container to a licensed hazardous waste disposal contractor or special waste collection point, except for empty clean containers which can be disposed of non-hazardous waste.

2.3 Other hazards which do not result in classification
No additional information available

2.4 Unknown acute toxicity (GHS US)
Not applicable

SECTION 3: COMPOSITION, INFORMATION ON INGREDIENTS

3.1 Substances
Not applicable

3.2 Mixtures

Name	CAS No.	%*
Benzene, 1,1'-methylenebis[isocyanato-	26447-40-5	1-5
Benzene, 1,2,4-trimethyl-	95-63-6	3-7
Benzene, trimethyl-	25551-13-7	3-7
Cumene	98-82-8	0.1 – 1
Isocyanic acid, polymethylenepolyphenylene ester	9016-87-9	1-5
Isocyanic acid, polymethylenepolyphenylene ester, polymer with 1,2-ethanediamine, methyloxirane and 1,2-propanediol	67815-87-6	15-40
Naphthalenesulfonic acid, dinonyl-, calcium salt	57855-77-3	1-5
Parachlorobenzotrifluoride	98-56-6	15-40
Solvent naphtha, petroleum, medium aliphatic	64742-88-7	1-5
4-4'-Methylenediphenyl diisocyanate	101-68-8	5 – 10
*** In accordance with paragraph (i) of the OSHA Hazard Communication Standard (29 CFR §1910.1200), the specific chemical identity or exact weight % has been withheld as a trade secret.**		

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

First-aid measures general: If exposed or concerned, get medical attention/advice. Show this safety data sheet to the doctor in attendance. Wash contaminated clothing before re-use. Never give anything to an unconscious person.

First-aid measures after inhalation: IF INHALED: Remove to fresh air and keep at rest in a comfortable position for breathing. Get medical attention. If breathing is difficult, supply oxygen. If breathing has stopped, give artificial respiration.

First-aid measures after skin contact: IF ON SKIN (or clothing): Remove affected clothing and wash all exposed skin with water for at least 15 minutes. If irritation develops or persists, get medical attention immediately.

First-aid measures after eye contact: IF IN EYES: Immediately flush with plenty of water for at least 15 minutes. Remove contact lenses if present and easy to do so. Continue rinsing.

First-aid measures after ingestion: IF SWALLOWED: rinse mouth thoroughly. Do not induce vomiting without advice from poison control center or medical professional. Get medical attention immediately.

4.2 Most important symptoms and effects (acute and delayed)

Symptoms/effects: Causes skin irritation. Causes serious eye irritation. Toxic if inhaled. May cause an allergy or asthma symptoms or breathing difficulties if inhaled. May cause an allergic skin reaction. Suspected of causing cancer. Causes damage to organs through prolonged or repeated exposure.

Symptoms/effects after inhalation: Toxic if inhaled. May cause an allergy or asthma symptoms or breathing difficulties if inhaled.

Symptoms/effects after skin contact: Causes skin irritation. May cause an allergic skin reaction.

Symptoms/effects after eye contact: Causes serious eye irritation.

Symptoms/effects after ingestion: May cause gastrointestinal irritation.

Chronic symptoms: Causes damage to organs through prolonged or repeated exposure. Suspected of causing cancer.

4.3 Immediate medical attention and special treatment, if necessary

No additional information available

SECTION 5: FIRE-FIGHTING MEASURES

5.1 Suitable (and unsuitable) extinguishing media

Suitable extinguishing media: Dry powder. Foam. Carbon dioxide. Sand.

5.2 Specific hazards arising from the chemical

Fire hazard: Flammable liquid and vapor.

Explosion hazard: Product is not explosive.

Reactivity: No dangerous reactions known under normal conditions of use.

5.3 Special protective equipment and precautions for fire-fighters

Precautionary fire measures: Eliminate all ignition sources if safe to do so.

Firefighting instructions: Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers. Do not dispose of fire-fighting water in the environment.

Protection during firefighting: Do not enter fire area without proper protective equipment, including respiratory protection. Firefighters should be equipped with self-contained breathing apparatus to protect against potentially toxic and irritating fumes.

Other information: Avoid smoke inhalation.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment, and emergency procedures

General measures: Evacuate area. Ventilate area. Keep upwind. Spill should be handled by trained cleaning personnel properly equipped with respiratory and eye protection.

6.1.1 For non-emergency personnel

Protective equipment: Wear Protective equipment as described in Section 8.

Emergency procedures: Evacuate unnecessary personnel.

6.1.2 For emergency responders

Protective equipment: Wear suitable protective clothing, gloves and eye or face protection. Approved supplied-air respirator, in case of emergency.

6.2 Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters. Avoid release to the environment.

6.3 Methods and material for containment and cleaning up

For containment/cleaning up: SMALL SPILL: Dike area to contain spill. Take precautions as necessary to prevent contamination of ground and surface waters. Recover spilled material on absorbent, such as sawdust or vermiculite and sweep into closed containers for disposal. After all visible traces, including ignitable vapors, have been removed, thoroughly wet vacuum the area. Do not flush the sewer. If area of spill is porous, remove as much contaminated earth and gravel, etc. as necessary and place in closed containers for disposal. Only those persons who are adequately trained, authorized, and wearing the required personal protective equipment (PPE) should participate in spill response and clean-up.
LARGE SPILL: Keep spectators away. Only those persons who are adequately trained, authorized and wearing the required personal protective equipment (PPE) should participate in spill response and clean-up. Ventilate the area by natural means or by explosion-proof means (i.e., fans). Know and prepare for spill response before using or handling this product. Eliminate all ignition sources (flames, hot surfaces, portable heaters, and sources of electrical, static, or frictional sparks). Dike and contain spill with inert material (e.g., sand, earth). Transfer liquids to covered and labeled metal containers for recovery or disposal or remove with inert absorbent. Use only non-sparking tools and appropriate PPE. Place absorbent diking materials in covered metal containers for disposal. Prevent contamination of sewers, streams, and groundwater with spilled material or used absorbent.

6.4 Reference to other sections

See Sections 8 and 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Precautions for safe handling: Do not handle until all safety precautions have been read and understood. For professional or industrial use only. Follow label instructions. Keep out of reach of children. Not for consumption. No smoking. Do not breathe vapors. Avoid contact with body. Turn off all pilot lights, flames, stoves, heaters, electric motors, welding equipment and other sources of ignition. Empty containers must not be washed and re-used for any purpose. Contact lens wearers must wear protective eye wear around chemical vapors and liquid. Wash hands thoroughly after handling. Flammable vapors may cause flash fire or ignite explosively. To prevent build-up of vapors, use adequate natural and/or mechanical ventilation (e.g. open all windows and doors to achieve cross ventilation). Containers may be hazardous when empty. Never use welding or cutting torch on or near container. Do not cut, drill, grind, or expose containers to heat, sparks, static electricity, or other source of ignition. Explosion may occur causing injury or death.

7.2 Conditions for safe storage, including any incompatibilities

Technical measures: Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking. Store in a dry, cool, and well-ventilated place. Keep container tightly closed.

Storage conditions: Store in a dry, cool, and well-ventilated place. Keep the container tightly closed.

Storage Period: 6 Months

Storage Temperature: 15.5°C (60°F); 32.2°C 90°F)

Heat and ignition sources: Avoid ignition sources.

Special rules on packaging: Keep only in original container.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control Parameters

Chemical Identity	Type	Exposure Limit Values
Benzene, 1,1'-methylenebis[isocyanato- (26447-40-5)	ACGIH	OELs not established
	OSHA	OELs not established
Benzene, 1,2,4-trimethyl- (95-63-6)	ACGIH OEL TWA [ppm]	10 ppm
	OSHA	OELs not established
	NIOSH REL TWA	125 mg/m³
	NIOSH REL TWA [ppm]	25 ppm
Benzene, trimethyl- (25551-13-7)	ACGIH OEL TWA [ppm]	10 ppm
	OSHA PEL TWA [1]	125 mg/m³

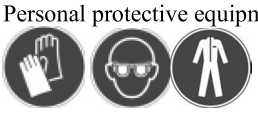
	OSHA PEL TWA [2]	25 ppm
Cumene (98-82-8)	ACGIH OEL TWA [ppm]	50 ppm
	OSHA PEL TWA [1]	245 mg/m³
	OSHA PEL TWA [2]	50 ppm
Isocyanic acid, polymethylenepolyphenylene ester (9016-87-9)	ACGIH	OELs not established
	OSHA	OELs not established
Isocyanic acid, polymethylenepolyphenylene ester, polymer with 1,2-ethanediamine, methyloxirane and 1,2-propanediol (67815-87-6)	ACGIH	OELs not established
	OSHA	OELs not established
Naphthalenesulfonic acid, dinonyl-, calcium salt (57855-77-3)	ACGIH	OELs not established
	OSHA	OELs not established
Parachlorobenzotrifluoride (98-56-6)	ACGIH	OELs not established
	OSHA	OELs not established
Solvent naphtha, petroleum, medium aromatic (64742-88-7)	ACGIH	OELs not established
	OSHA	OELs not established
4-4'-Methylenediphenyl diisocyanate (101-68-8)	ACGIH OEL TWA [ppm]	0.005 ppm
	OSHA PEL (Ceiling)	0.2 mg/m³
	OSHA PEL C [ppm]	0.02 ppm

8.2 Appropriate engineering controls

Appropriate engineering controls: Provide adequate general and local exhaust ventilation. Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Use explosion-proof equipment with flammable materials. Ensure adequate ventilation, especially in confined areas.

8.3 Individual protection measures/Personal protective equipment

Personal protective equipment symbol(s):



Personal protective equipment: Gloves. Protective goggles. If spraying, protect yourself with wearing suitable respirator or mask. In case of inadequate ventilation wear respiratory protection.

Materials for protective clothing: Wear suitable protective clothing, gloves, and eye/face protection

Hand protection: Use gloves chemically resistant to this material when prolonged or repeated contact could occur. Gloves should be classified under Standard EN 374 or ASTM F1296. Suggested glove materials are Neoprene, Nitrile/butadiene rubber, Polyethylene, Ethyl vinyl alcohol laminate, PVC, or vinyl. Suitable gloves for this specific application can be recommended by the glove supplier.

Eye protection: Wear eye protection including chemical splash goggles and a face shield when possibility exists for eye contact due to airborne particles.

Skin and body protection: Wear long sleeves, and chemically impervious PPE/coveralls to minimize bodily exposure.

Respiratory protection: In case of inadequate ventilation or risk of inhalation of vapors, use suitable respiratory equipment with gas filter (type A2). Wear a NIOSH-approved (or equivalent) full-facepiece airline respirator in the positive pressure mode with emergency escape provisions. Use a positive-pressure air-supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air-purifying respirators may not provide adequate protection.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical state:	Liquid
Appearance:	Self-Leveling
Color:	Silver gray
Odor:	Aromatic
Odor threshold:	No data available
pH:	No data available
Melting point:	No data available
Freezing point:	No data available
Boiling point:	No data available
Flash point:	43.3°C (110°F)
Relative evaporation rate (n-butyl acetate=1):	No data available
Flammability (solid, gas):	No data available
Vapor pressure:	No data available
Relative vapor density at 20 °C:	> 1 (air = 1)
Relative density:	1.23
Density:	10.3 lb./gal ±0.2
Solubility:	Reacts with moisture if exposed
Partition coefficient n-octanol/water (Log Pow:	No data available
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
Viscosity, kinematic:	No data available
Viscosity, dynamic:	No data available
Explosive limits:	No data available
Explosive properties:	No data available
Oxidizing properties:	No data available

9.2 Other information

VOC content	227 g/l (EPA Method 24 VOC)

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity	No dangerous reactions known under normal conditions of use.
10.2 Chemical stability	Stable under recommended handling and storage conditions (see section 7).
10.3 Possibility of hazardous reactions	None under normal use.
10.4 Conditions to avoid	Moisture.
10.5 Incompatible materials	None known
10.6 Hazardous decomposition products	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity (oral):	Not classified
Acute toxicity (dermal):	Not classified
Acute toxicity (inhalation):	Not classified
Benzene, 1,1'-methylenebis[isocyanato- (26447-40-5)	
LD50 oral rat	>7400 mg/kg
LD50 dermal rabbit	>6200 mg/kg
LC50 inhalation – rat	0.369 mg/m^3/4h
Benzene, 1,2,4-trimethyl- (95-63-6)	
LD50 oral rat	3280 mg/kg
LD50 dermal rabbit	>3160 mg/kg
LC50 inhalation – rat	18 g/m^3/4h
Benzene, trimethyl- (25551-13-7)	
LD50 oral rat	8970 mg/kg
Cumene (98-82-8)	
LD50 oral rat	2910 mg/kg
LD50 dermal rabbit	12300 µl/kg
LC50 inhalation – rat	>3577 ppm/6h
Isocyanic acid, polymethylenepolyphenylene ester (9016-87-9)	

LD50 oral rat	49 g/kg
LD50 dermal rabbit	>9.4 g/kg
LC50 inhalation – rat	0.49 mg/l/4h
Naphthalenesulfonic acid, dinonyl-, calcium salt (57855-77-3)	
LD50 oral rat	5000 mg/kg
LD50 dermal rabbit	>20000 mg/kg
LC50 inhalation – rat	18 mg/l/hr
Parachlorobenzotrifluoride (98-56-6)	
LD50 oral rat	13 g/kg
LD50 dermal rabbit	> ml/kg
LC50 inhalation – rat	33 mg/l/hr
Solvent naphtha, petroleum, medium aromatic (64742-88-7)	
LD50 oral rat	>5000 mg/kg
LD50 dermal rabbit	3000 mg/kg
LC50 inhalation – rat	>5.28 mg/l/hr
4-4'-Methylenediphenyl diisocyanate (101-68-8)	
LD50 oral rat	31600 mg/kg
LD50 dermal rabbit	> 9400 ml/kg
LC50 inhalation – rat	369 mg/m^3/4 hr
Cumene (98-82-8)	
IARC group 2B –	Possibly carcinogen to humans
National Toxicology Program (NTP) Status	Reasonably anticipated to be Human Carcinogen
Skin corrosion/irritation:	Causes skin irritation.
Serious eye damage/irritation:	Causes serious eye irritation.
Respiratory or skin sensitization:	May cause an allergy or asthma symptoms or breathing difficulties if inhaled. May cause an allergic skin reaction.
Germ cell mutagenicity:	Not classified.
Carcinogenicity:	Suspected of causing cancer.
Reproductive toxicity:	Not classified
STOT-single exposure:	Not classified
STOT-repeated exposure:	May cause damage to organs through prolonged or repeated exposure.
Aspiration hazard:	Not classified
Symptoms/effects:	Causes skin irritation. Causes serious eye irritation. Toxic if inhaled. May cause an allergy or asthma symptoms or breathing difficulties if inhaled. May cause an allergic skin reaction. Suspected of causing cancer. Causes damage to organs through prolonged or repeated exposure.
Symptoms/effects after inhalation:	Toxic if inhaled. May cause respiratory irritation. May cause an allergy or asthma symptoms or breathing difficulties if inhaled.
Symptoms/effects after skin contact:	Causes skin irritation. May cause an allergic skin irritation.
Symptoms/effects after eye contact:	Causes serious eye irritation.
Symptoms/effects after ingestion:	May cause gastrointestinal irritation.
Chronic symptoms:	Suspected of causing cancer. May cause damage to organs through prolonged or repeated exposure.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Ecology - general:	No data available.
Hazardous to the aquatic environment, short term (acute):	Toxic to aquatic life.
Hazardous to the aquatic environment, long term (chronic):	Toxic to aquatic life with long lasting effects.

12.2 Persistence and degradability No additional information available.

12.3 Bioaccumulative potential No additional information available.

12.4 Mobility in soil No additional information available.

12.5 Other adverse effects No additional information available.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Disposal methods

Waste treatment methods: Do not discharge public wastewater systems without permit of pollution control authorities. No discharge to surface waters is allowed without an NPDES permit.

Product/Packaging disposal recommendations:	Dispose in a safe manner in accordance with local/national regulations. Do not allow the product to be released into the environment.

SECTION 14: TRANSPORT INFORMATION

Department of Transportation (DOT)

In accordance with DOT

This mixture meets the requirements for 49 CFR 173.150(f)(1)(2) exemptions and the outer packages of this material would not require transportation labeling.

DOT Non-Bulk (NOTE: Non-bulk packaging means a packaging which has: (1) A maximum capacity of 450 L (119 gallons) or less as a receptacle for a liquid)

Not regulated as dangerous goods.

Non-bulk: Not hazardous for transport under 49 CFR exceptions 173.150 (f) (1, 2, 3).

DOT Bulk

Transport document description (DOT)	UN1263 Paint, 3, III
UN-No. (DOT)	UN1263
Proper Shipping Name (DOT)	Paint
Class (DOT)	3 - Class 3 - Flammable and combustible liquid 49 CFR 173.120
Packing group (DOT)	III – Minor Danger
Hazard labels (DOT)	3 – Flammable liquid

Dangerous for the environment:	Yes
Marine pollutant:	Yes

DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27):	60 L
DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75):	220 L
DOT Vessel Stowage Location	A – The material may be stowed “on deck” or “under deck” on a cargo vessel and on a passenger vessel.
Emergency Response Guide (ERG) Number:	128
Other Information:	No additional information is available.

Transport by sea (IMDG)

Transport document description (IMDG):	UN 1263 PAINT (Contains: Benzene, 1-chloro-4-(trifluoromethyl)- and Solvent naphtha, petroleum), 3, III
UN-No. (IMDG):	1263
Proper Shipping Name (IMDG):	PAINT
Class (IMDG):	3 – Flammable liquids
Packing group (IMDG):	III – substances presenting low danger
Limited quantities (IMDG):	5 L
Marine pollutant:	Yes

Air transport (IATA)

Transport document description (IATA):	UN 1263 Paint, 3, III
UN-No. (IATA):	1263
Proper Shipping Name (IATA):	Paint related material
Class (IATA):	3 – Flammable liquids
Packing group (IATA):	III – Minor Danger

SECTION 15: REGULATORY INFORMATION

15.1 US Federal regulations

IB Urethane Metal Primer	
All chemical substances in this product are listed as "Active" in the EPA (Environmental Protection Agency) "TSCA Inventory Notification (Active Inactive) Requirements Rule" ("the Final Rule") of Feb. 2019, as amended Feb. 2021, or are otherwise exempt or regulated by other agencies such as FDA or FIFRA	
SARA Section 311/312 Hazard Classes	Physical hazard - Flammable (gases, aerosols, liquids, or solids) Health hazard - Skin corrosion or Irritation Health hazard - Serious eye damage or eye irritation Health hazard – Acute toxicity (any route of exposure) Health hazard - Specific target organ toxicity (single or repeated exposure) Health hazard - Respiratory or skin sensitization Health hazard - Carcinogenicity

15.2 International regulations

Isocyanic acid, polymethylenepolyphenylene ester (9016-87-9)	
Toxic Substance (CEPA – Schedule I)	Yes

15.3 US State regulations

⚠ WARNING: This product can expose you to Benzene, 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.

Component	Carcinogenicity	Developmental toxicity	Reproductive toxicity male	Reproductive toxicity female	No significant risk level (NSRL)	Maximum allowable dose level (MADL)
Benzene (71-43-2)	X	X	X		6.4 µg/day (oral); 13 µg/day (inhalation)	24 µg/day (oral); 49 µg/day (inhalation)
Cumene (98-82-8)	X					
Methyl carbamate (598-55-0)	X				160 µg/day	
Parachlorobenzotrifluoride (98-56-6)	X				23 µg/day	
Silica: Crystalline, quartz (14808-60-7)	X					

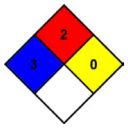
Component	State or local regulations
Aluminum (7429-90-5)	U.S. - Massachusetts - Right To Know List; U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List
Benzene (71-43-2)	U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Pennsylvania - RTK (Right to Know) List; U.S. - Massachusetts - Right To Know List
Benzene, 1,2,4-trimethyl- (95-63-6)	U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Pennsylvania - RTK (Right to Know) List
Benzene, trimethyl- (25551-13-7)	U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Massachusetts - Right To Know List; U.S. - Pennsylvania - RTK (Right to Know) List
Cumene (98-82-8)	U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Pennsylvania - RTK (Right to Know) List; U.S. - Massachusetts - Right To Know List; U.S. - Pennsylvania - RTK (Right to Know) - Special Hazardous Substances
Isocyanic acid, polymethylenepolyphenylene ester (9016-87-9)	U.S. - New Jersey - Right to Know Hazardous Substance List
Silica: Crystalline, quartz (14808-60-7)	U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Pennsylvania - RTK (Right to Know) List; U.S. - Massachusetts - Right To Know List
Solvent naphtha, petroleum, medium aliphatic (64742-88-7)	U.S. - New Jersey - Right to Know Hazardous Substance List
Stoddard solvent (8052-41-3)	U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Pennsylvania - RTK (Right to Know) List; U.S. - Massachusetts - Right To Know List
Xylenes (o-, m-, p- isomers) (1330-20-7)	U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Pennsylvania - RTK (Right to Know) List; U.S. - Massachusetts - Right To Know List
1,3,5-Trimethylbenzene (108-67-8)	U.S. - Massachusetts - Right To Know List
4-4'-Methylenediphenyl diisocyanate (101-68-8)	U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List; U.S. - Massachusetts - Right To Know List

SECTION 16: OTHER INFORMATION

Issue Date:	2/15/2024

Revision Date:	
Version #:	UMP-01-1

NFPA health record: 3 - Materials that, under emergency conditions, can cause serious or permanent injury.
NFPA fire hazard: 2 - Materials that must be moderately heated or exposed to relatively high ambient temperatures before ignition can occur.
NFPA reactivity: 0 - Materials that in themselves are normally stable but can become unstable at elevated temperatures and pressures.
HMIS Hazard Rating: 3*
* - Chronic (long-term) health effects may result from repeated overexposure
Flammability: 2
Physical: 0



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