Safety Data Sheet

Section 1: Identification of the Substance/Mixture and of the Company/Undertaking

1.1 Product identifier

Product Name • **ATM Removable Spray Primer**

SDS Number/Grade • 0202

Product Code • 19-108; 19-112

1.2 Relevant identified uses of the substance or mixture and uses advised against

Relevant identified use(s) • Adhesive spray applied to road surfaces

1.3 Details of the supplier of the safety data sheet

Manufacturer • Patch Rubber Company

100 Patch Rubber Road
Weldon, NC 27890
United States

Telephone (General) • (252)-536-2574

1.4 Emergency telephone number

Manufacturer • 1-800-424-9300

Manufacturer • +1 703-527-3887

Section 2: Hazards Identification

UN GHS

According to Third Revised Edition

2.1 Classification of the substance or mixture

UN GHS • Flammable Liquids 2 - H225
Aspiration 1 - H304
Skin Irritation 2 - H315
Eye Irritation 2A - H319
Specific Target Organ Toxicity Single Exposure 3: Narcotic Effects - H336
Hazardous to the aquatic environment Acute 1 - H400
Hazardous to the aquatic environment Chronic 1 - H410

2.2 Label elements

UN GHS

DANGER

Hazard statements

• H225 - Highly flammable liquid and vapour
H304 - May be fatal if swallowed and enters airways

H315 - Causes skin irritation
H319 - Causes serious eye irritation
H336 - May cause drowsiness or dizziness
H400 - Very toxic to aquatic life
H410 - Very toxic to aquatic life with long lasting effects

Precautionary statements

Prevention

- P210 - Keep away from heat, sparks, open flames and/or hot surfaces. - No smoking.
P233 - Keep container tightly closed.
P240 - Ground and/or 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 vapours or spray.
P264 - Wash thoroughly after handling.
P271 - Use only outdoors or in a well-ventilated area.
P273 - Avoid release to the environment.
P280 - Wear protective gloves and eye/face protection , .

Response

- P370+P378 - In case of fire: Use appropriate media for extinction.
P304+P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P312 - Call a POISON CENTER or doctor/physician if you feel unwell.
P302+P352 - IF ON SKIN: Wash with plenty of soap and water.
P362 - Take off contaminated clothing and wash before reuse.
P332+P313 - If skin irritation occurs: Get medical advice/attention.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313 - If eye irritation persists: Get medical advice/attention.
P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P331 - Do NOT induce vomiting.
P391 - Collect spillage.

Storage/Disposal

- P403+P233 - Store in a well-ventilated place. Keep container tightly closed.
P405 - Store locked up.
P501 - Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

2.3 Other hazards

UN GHS

- According to the Globally Harmonized Standard for Classification and Labeling (GHS) this product is considered hazardous.

United States (US)

According to OSHA 29 CFR 1910.1200 HCS

2.1 Classification of the substance or mixture

OSHA HCS

- Flammable Liquid
Flammable/Combustible Class IB
Irritant
Target Organ Effects - Central Nervous System (CNS)

2.2 Label elements

OSHA HCS

- Not required

2.3 Other hazards

OSHA HCS

- Under United States Regulations (29 CFR 1910.1200 - Hazard Communication Standard), this product is considered hazardous.

Canada

According to WHMIS

2.1 Classification of the substance or mixture

WHMIS

- Flammable Liquids - B2
  Other Toxic Effects - D2B

2.2 Label elements

WHMIS

- Flammable Liquids - B2
  Other Toxic Effects - D2B

2.3 Other hazards

WHMIS

- In Canada, the product mentioned above is considered hazardous under the Workplace Hazardous Materials Information System (WHMIS).

2.4 Other information

NFPA

See Section 12 for Ecological Information.

Section 3 - Composition/Information on Ingredients

3.1 Substances

- Material does not meet the criteria of a substance according to United Nations Globally Harmonized System of Classification and Labelling of Chemicals (GHS)

3.2 Mixtures

Hazardous Components					
Chemical Name	**Identifiers**	**%(weight)**	**LD50/LC50**	**Classifications According to Regulation/Directive**	**Comments**
Naphtha (petroleum), hydrotreated light	**CAS:**64742-49-0 **EC Number:**265-151-9	60% TO 100%	NDA	**UN GHS:** Flam Liq. 2; Asp. 1; Skin Irrit. 2; STOT SE 3: Narc.; Aquatic Acute 1; Aquatic Chronic 1;	NDA
Polyterpene resin	NDA	7% TO 13%	NDA	**UN GHS:** Eye Irrit. 2A; Skin Irrit. 3; STOT SE 3: Resp irrit;	NDA
Acetic acid, butyl ester	**CAS:**123-86-4 **EC Number:**204-658-1	5% TO 10%	Ingestion/Oral-Rat LD50 · 10768 mg/kg Inhalation-Rat LC50 · 390 ppm 4 Hour(s) Skin-Rabbit LD50 · >17600 mg/kg	**UN GHS:**Aquatic Acute 3; Flam. Liq. 3; STOT SE 2	NDA

See Section 11 for Toxicological Information.

Section 4 - First Aid Measures

4.1 Description of first aid measures

Inhalation

- IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Administer oxygen if breathing is difficult. Give artificial respiration if victim is not breathing. Do not use mouth-to-mouth method if victim inhaled the substance; give artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device.

Skin

- In case of contact with substance, immediately flush skin with running water for at least 20 minutes. For minor skin contact, avoid spreading material on unaffected skin. Take off contaminated clothing and wash before reuse. If skin irritation occurs: Get medical advice/attention.

Eye

- In case of contact with substance, immediately flush eyes with running water for at least 20 minutes.

Ingestion

- If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label. If person is drowsy or unconscious and vomiting, place on the left side with head down. If possible, do not leave individual unattended.

4.2 Most important symptoms and effects, both acute and delayed

- Refer to Section 11 - Toxicological Information.

4.3 Indication of any immediate medical attention and special treatment needed

Notes to Physician

- Inhalation of high concentrations of this material, as could occur in enclosed spaces or during deliberate abuse, may be associated with cardiac arrhythmias. Sympathomimetic drugs may initiate cardiac arrhythmias in persons exposed to the material. This material is an aspiration hazard. Potential danger from aspiration must be weighed against possible oral toxicity (See Section 3 – Swallowing) when deciding whether to induce vomiting.

See Section 2 for Potential Health Effects.

Section 5 - Firefighting Measures

5.1 Extinguishing media

Suitable Extinguishing Media

- SMALL FIRES: Dry chemical, CO2, water spray or regular foam.
  LARGE FIRE: Water spray, fog or regular foam.

Unsuitable Extinguishing Media

- No data available.

5.2 Special hazards arising from the substance or mixture

Unusual Fire and Explosion Hazards

- HIGHLY FLAMMABLE: Will be easily ignited by heat, sparks or flames.
  Containers may explode when heated.
  Vapors may form explosive mixtures with air.
  Vapor explosion hazard indoors, outdoors or in sewers.
  Vapors may travel to source of ignition and flash back.
  Runoff to sewer may create fire or explosion hazard.

Hazardous Combustion Products

- May form: carbon dioxide, carbon monoxide and various hydrocarbons.

5.3 Advice for firefighters

- Wear positive pressure self-contained breathing apparatus (SCBA).
  Structural firefighters' protective clothing provides limited protection in fire situations ONLY; it is not effective in spill situations where direct contact with the substance is possible.
  Wear chemical protective clothing that is specifically recommended by the manufacturer. It may provide little or no thermal protection.
  Runoff from fire control may cause pollution.
  LARGE FIRES: Dike fire-control water for later disposal.

Section 6 - Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal Precautions

- Wear appropriate protective equipment including respiratory protection as conditions warrant. Do not touch or walk through spilled material. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.

Emergency Procedures

- ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area) As an immediate precautionary measure, isolate spill or leak area for at least 50 meters (150 feet) in all directions. Stay upwind. Keep out of low areas. Keep unauthorized personnel away. Ventilate closed spaces before entering.

6.2 Environmental precautions

- Avoid run off to waterways and sewers.

6.3 Methods and material for containment and cleaning up

Containment/Clean-up Measures

- Stop leak if you can do it without risk.
  All equipment used when handling the product must be grounded.
  SMALL SPILLS: Take up with sand or other non-combustible absorbent material and place into containers for later disposal.
  Use clean non-sparking tools to collect absorbed material.
  A vapor suppressing foam may be used to reduce vapors.
  LARGE SPILLS: Dike far ahead of spill for later disposal.

6.4 Reference to other sections

- Refer to Section 8 - Exposure Controls/Personal Protection and Section 13 - Disposal Considerations.

Section 7 - Handling and Storage

7.1 Precautions for safe handling

Handling

- Keep away from heat and ignition sources – No Smoking. Product can accumulate static charge by flow or agitation. Bond and ground equipment when transferring from one vessel to another. Empty containers retain product residue and may be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind or expose containers to heat, flame, sparks or other ignition sources. They may explode and cause injury or death. Use only with adequate ventilation. Do not enter confined spaces such as tanks or pits without following proper entry procedures.

7.2 Conditions for safe storage, including any incompatibilities

Storage

- Store in a cool/low-temperature, well-ventilated dry place away from heat and ignition sources. Keep away from incompatible materials. Store locked up.

Incompatible Materials or Ignition Sources

- Keep away from heat, ignition sources, oxidizers, strong acids and alkalis.

7.3 Specific end use(s)

- Refer to Section 1.2 - Relevant identified uses.

Section 8 - Exposure Controls/Personal Protection

8.1 Control parameters

Exposure Limits/Guidelines						
	Result	ACGIH	Canada Ontario	Canada Quebec	NIOSH	OSHA
Methylcyclohexane (108-87-2)	TWAs	400 ppm TWA	400 ppm TWAEV; 1600 mg/m3 TWAEV	400 ppm TWAEV; 1610 mg/m3 TWAEV	400 ppm TWA; 1600 mg/m3 TWA	500 ppm TWA; 2000 mg/m3 TWA
3-Methylhexane (589-34-4)	STELs	500 ppm STEL	Not established	Not established	Not established	Not established
	TWAs	400 ppm TWA	Not established	Not established	Not established	Not established

Hexane, 2-methyl- (591-76-4)	STELs	500 ppm STEL	Not established	Not established	Not established	Not established
	TWAs	400 ppm TWA	Not established	Not established	Not established	Not established
Pentane, 2,3-dimethyl- (565-59-3)	STELs	500 ppm STEL	Not established	Not established	Not established	Not established
	TWAs	400 ppm TWA	Not established	Not established	Not established	Not established
Benzene (71-43-2)	STELs	2.5 ppm STEL	2.5 ppm STEV (applies to workplaces to which the designated substance regulation does not apply); 2.5 ppm STEV (designated substances regulation)	5 ppm STEV; 15.5 mg/m3 STEV	1 ppm STEL	5 ppm STEL (see 29 CFR 1910.1028)
	TWAs	0.5 ppm TWA	0.5 ppm TWAEV (applies to workplaces to which the designated substance regulation does not apply); 0.5 ppm TWAEV (designated substance regulation)	1 ppm TWAEV; 3 mg/m3 TWAEV	0.1 ppm TWA	10 ppm TWA (applies to industry segments exempt from the benzene standard at 29 CFR 1910.1028); 1 ppm TWA
	Ceilings	Not established	Not established	Not established	Not established	25 ppm Ceiling
Naphthalene (91-20-3)	STELs	15 ppm STEL	15 ppm STEV; 78 mg/m3 STEV	15 ppm STEV; 79 mg/m3 STEV	15 ppm STEL; 75 mg/m3 STEL	Not established
	TWAs	10 ppm TWA	10 ppm TWAEV; 52 mg/m3 TWAEV	10 ppm TWAEV; 52 mg/m3 TWAEV	10 ppm TWA; 50 mg/m3 TWA	10 ppm TWA; 50 mg/m3 TWA
Toluene (108-88-3)	TWAs	20 ppm TWA	20 ppm TWAEV	50 ppm TWAEV; 188 mg/m3 TWAEV	100 ppm TWA; 375 mg/m3 TWA	200 ppm TWA
	Ceilings	Not established	Not established	Not established	Not established	300 ppm Ceiling
	STELs	Not established	Not established	Not established	150 ppm STEL; 560 mg/m3 STEL	Not established
Acetic acid, butyl ester (123-86-4)	STELs	200 ppm STEL	200 ppm STEV; 950 mg/m3 STEV	200 ppm STEV; 950 mg/m3 STEV	200 ppm STEL; 950 mg/m3 STEL	Not established
	TWAs	150 ppm TWA	150 ppm TWAEV; 710 mg/m3 TWAEV	150 ppm TWAEV; 713 mg/m3 TWAEV	150 ppm TWA; 710 mg/m3 TWA	150 ppm TWA; 710 mg/m3 TWA
Heptane (142-82-5)	STELs	500 ppm STEL	500 ppm STEV; 2045 mg/m3 STEV	500 ppm STEV; 2050 mg/m3 STEV	Not established	Not established
	TWAs	400 ppm TWA	400 ppm TWAEV; 1635 mg/m3 TWAEV	400 ppm TWAEV; 1640 mg/m3 TWAEV	85 ppm TWA; 350 mg/m3 TWA	500 ppm TWA; 2000 mg/m3 TWA
	Ceilings	Not established	Not established	Not established	440 ppm Ceiling (15 min); 1800 mg/m3 Ceiling (15 min)	Not established

8.2 Exposure controls

Engineering Measures/Controls

- Adequate ventilation systems as needed to control concentrations of airborne contaminants below applicable threshold limit values.

Personal Protective Equipment

Pictograms	• 
Respiratory	• In case of insufficient ventilation, wear suitable respiratory equipment. Follow the OSHA respirator regulations found in 29 CFR 1910.134. Use a NIOSH/MSHA approved respirator if exposure limits are exceeded or symptoms are experienced.
Eye/Face	• Wear splash goggles.
Hands	• Wear appropriate gloves.
Skin/Body	• Wear long sleeves and/or protective coveralls.
General Industrial Hygiene Considerations	• Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco. Safety shower and eye wash should be available close to work areas.
Environmental Exposure Controls	• Follow best practice for site management and disposal of waste. Avoid release to the environment.

Key to abbreviations

MSHA = Mine Safety and Health Administration

STEL = Short Term Exposure Limits are based on 15-minute exposures

STEV = Short Term Exposure Value

TWAEV = Time-Weighted Average Exposure Value

TWA = Time-Weighted Averages are based on 8h/day, 40h/week exposures

ACGIH = American Conference of Governmental Industrial Hygiene

NIOSH = National Institute of Occupational Safety and Health

OSHA = Occupational Safety and Health Administration

Section 9 - Physical and Chemical Properties

9.1 Information on Physical and Chemical Properties

Material Description			
Physical Form	Liquid	**Appearance/Description**	Clear liquid with sweet, ester odor.
Color	Clear	**Odor**	Sweet, Ester.
Taste	No data available	**Particulate Type**	Not relevant
Particulate Size	Not relevant	**Aerosol Type**	Not relevant
Odor Threshold	No data available	**Physical and Chemical Properties**	No data available
General Properties			
Boiling Point	195 to 210 F(90.5556 to 98.8889 C)	**Melting Point**	No data available
Decomposition Temperature	No data available	**Heat of Decomposition**	No data available
pH	No data available	**Specific Gravity/Relative Density**	0.758 Water=1
Density	6.31 lbs/gal	**Bulk Density**	No data available
Water Solubility	Negligible	**Solvent Solubility**	No data available
Viscosity	10 to 50 Centipoise (cPs, cP) or mPas	**Explosive Properties**	No data available
Oxidizing Properties:	No data available		
Volatility			
Vapor Pressure	45 mmHg (torr) @ 20 C(68 F)	**Vapor Density**	3.5 Air=1
Evaporation Rate	4.2 n-Butyl Acetate = 1 Heptane	**VOC (Wt.)**	No data available
VOC (Vol.)	514 g/L	**Volatiles (Wt.)**	No data available

Volatiles (Vol.)	No data available		
Flammability			
Flash Point	15 F(-9.4444 C)	**Flash Point Test Type**	No data available
UEL	6.7 %	**LEL**	1 %
Autoignition	475 F(246.1111 C) (Heptane)	**Self-Accelerating Decomposition Temperature (SADT)**	No data available
Heat of Combustion (ΔHc)	No data available	**Burning Time**	No data available
Flame Duration	No data available	**Flame Height**	No data available
Flame Extension	No data available	**Ignition Distance**	No data available
Flammability (solid, gas)	No data available		
Environmental			
Half-Life	No data available	**Octanol/Water Partition coefficient**	2.1 to 5 (Heptane)
Coefficient of water/oil distribution	No data available	**Bioaccumulation Factor**	No data available
Bioconcentration Factor	No data available	**Biochemical Oxygen Demand BOD/BOD5**	No data available
Chemical Oxygen Demand	No data available	**Persistence**	No data available
Degradation	No data available		

9.2 Other Information

- No additional physical and chemical parameters noted.

Section 10: Stability and Reactivity

10.1 Reactivity

- No dangerous reaction known under conditions of normal use.

10.2 Chemical stability

- Stable under normal temperatures and pressures.

10.3 Possibility of hazardous reactions

- Hazardous polymerization will not occur.

10.4 Conditions to avoid

- Incompatible materials.

10.5 Incompatible materials

- Strong oxidizing agents, acids and alkalis.

10.6 Hazardous decomposition products

- May form: carbon dioxide, carbon monoxide, and various hydrocarbons.

Section 11 - Toxicological Information

11.1 Information on toxicological effects

Component Name	CAS	Data
Acetic acid, butyl ester (5% TO 10%)	123-86-4	**Acute Toxicity:** orl-rat LD50:10768 mg/kg; ihl-rat LC50:390 ppm/4H; **Irritation:** skn-rbt 500 mg/24H MOD

GHS Properties	Classification
Acute toxicity	UN GHS • Classification criteria not met
Skin corrosion/Irritation	UN GHS • Skin Irritation 2
Serious eye damage/Irritation	UN GHS • Eye Irritation 2A
Skin sensitization	UN GHS • Classification criteria not met
Respiratory sensitization	UN GHS • Classification criteria not met
Aspiration Hazard	UN GHS • Aspiration 1
Carcinogenicity	UN GHS • Classification criteria not met
Germ Cell Mutagenicity	UN GHS • Classification criteria not met
Toxicity for Reproduction	UN GHS • Classification criteria not met
STOT-SE	UN GHS • Specific Target Organ Toxicity Single Exposure 3: Narcotic Effects
STOT-RE	UN GHS • Classification criteria not met

Target Organs
- Central Nervous System (CNS)

Route(s) of entry/exposure
- Inhalation, Skin, Eye, Ingestion

Potential Health Effects

Inhalation

Acute (Immediate)
- Breathing vapor or mist is possible and may cause respiratory irritation or central nervous system effects including drowsiness, dizziness.

Chronic (Delayed)
- No data available.

Skin

Acute (Immediate)
- Causes skin irritation.

Chronic (Delayed)
- No data available.

Eye

Acute (Immediate)
- Causes serious eye irritation.

Chronic (Delayed)
- No data available.

Ingestion

Acute (Immediate)
- Material may be aspirated into lungs during ingestion and/or subsequent vomiting. Aspiration of this material will cause severe lung injury, chemical pneumonitis, pulmonary edema or death.

Chronic (Delayed)
- No data available.

Key to abbreviations

TC = Toxic Concentration
LD = Lethal Dose
MOD = Moderate
LC = Lethal Concentration

Section 12 - Ecological Information

12.1 Toxicity

Component	CAS	Data	Comments
Acetic acid, butyl ester (5% TO 10%)	123-86-4	**Fish:** 96 Hour(s) LC50 Fish 100 mg/L ; 96 Hour(s) LC50 Fish 185 mg/L	

12.2 Persistence and degradability

- Material data lacking.

12.3 Bioaccumulative potential

- Material data lacking.

12.4 Mobility in Soil

- Material data lacking.

12.5 Results of PBT and vPvB assessment

- PBT and vPvB assessment has not been carried out.

12.6 Other adverse effects

- No studies have been found.

12.7 Other Information

- No data is available on the adverse effects of this material on the environment. Contains 60-100% of a component that has aquatic toxicity values that are expected to be in the range of 1 - 10 mg/l (based upon data from components and similar products).

Section 13 - Disposal Considerations

13.1 Waste treatment methods

Product waste
- Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Packaging waste
- Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Section 14 - Transport Information

	14.1 UN number	14.2 UN proper shipping name	14.3 Transport hazard class(es)	14.4 Packing group	14.5 Environmental hazards
DOT	UN1133	Adhesives, containing a flammable liquid	3	II	NDA
TDG	UN1133	ADHESIVES containing flammable liquid	3	II	Potential Marine Pollutant
IATA/ICAO	UN1133	Adhesives containing flammable liquid	3	II	Acute Aquatic Toxicity, Chronic Aquatic Toxicity

14.6 Special precautions for user
- None known.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
- Not relevant.

Section 15 - Regulatory Information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

SARA Hazard Classifications
- Acute, Fire

State Right To Know				
Component	CAS	MA	NJ	PA
Naphtha (petroleum), hydrotreated light	64742-49-0	No	No	No

Heptane	142-82-5	Yes	Yes	Yes
3-Methylhexane	589-34-4	Yes	Yes	Yes
Methylcyclohexane	108-87-2	Yes	Yes	Yes
Polyterpene resin	26813-14-9	No	No	No
Hexane, 2-methyl-	591-76-4	Yes	No	Yes
Acetic acid, butyl ester	123-86-4	Yes	Yes	Yes
3-Ethylpentane	617-78-7	No	No	No
Pentane, 2,3-dimethyl-	565-59-3	Yes	Yes	Yes
Polybutene	9003-29-6	No	No	No
Benzenamine, 4-(1-methyl-1-phenylethyl)-N-[4-(1-methyl-1-phenylethyl)phenyl]-	10081-67-1	No	No	No
Toluene	108-88-3	Yes	Yes	Yes
Naphthalene	91-20-3	Yes	Yes	Yes
Benzene	71-43-2	Yes	Yes	Yes

Inventory				
Component	**CAS**	**Canada DSL**	**Canada NDSL**	**TSCA**
Naphtha (petroleum), hydrotreated light	64742-49-0	Yes	No	Yes
Heptane	142-82-5	Yes	No	Yes
3-Methylhexane	589-34-4	No	Yes	Yes
Methylcyclohexane	108-87-2	Yes	No	Yes
Polyterpene resin	26813-14-9	Yes	No	Yes
Hexane, 2-methyl-	591-76-4	Yes	No	Yes
Acetic acid, butyl ester	123-86-4	Yes	No	Yes
3-Ethylpentane	617-78-7	No	No	No
Pentane, 2,3-dimethyl-	565-59-3	No	Yes	Yes
Polybutene	9003-29-6	Yes	No	Yes
Benzenamine, 4-(1-methyl-1-phenylethyl)-N-[4-(1-methyl-1-phenylethyl)phenyl]-	10081-67-1	Yes	No	Yes
Toluene	108-88-3	Yes	No	Yes
Naphthalene	91-20-3	Yes	No	Yes
Benzene	71-43-2	Yes	No	Yes

Canada

Labor

Canada - WHMIS - Classifications of Substances

• Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	Not Listed
• Methylcyclohexane	108-87-2	0% TO 13.8%	B2
• 3-Methylhexane	589-34-4	0% TO 20.7%	B2
• Hexane, 2-methyl-	591-76-4	0% TO 10.35%	B2
• Polyterpene resin	26813-14-9	7% TO 13%	Not Listed
• Naphthalene	91-20-3	< 0.0039%	B4, D2A
• Acetic acid, butyl ester	123-86-4	5% TO 10%	B2, D2B
• Heptane	142-82-5	20.7% TO 31.05%	B2, D2B
• Toluene	108-88-3	< 0.0345%	B2, D2A, D2B
• Benzene	71-43-2	< 0.0007%	B2, D2A, D2B
• Polybutene	9003-29-6	1.96%	Uncontrolled product according to WHMIS classification criteria
• Pentane, 2,3-dimethyl-	565-59-3	0% TO 3.45%	B2
• 3-Ethylpentane	617-78-7	0% TO 3.45%	Not Listed
• Benzenamine, 4-(1-methyl-1-phenylethyl)-N-[4-(1-methyl-1-phenylethyl)phenyl]-	10081-67-1	0.19%	Not Listed

Canada - WHMIS - Ingredient Disclosure List

• Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	Not Listed
• Methylcyclohexane	108-87-2	0% TO 13.8%	1 %
• 3-Methylhexane	589-34-4	0% TO 20.7%	Not Listed
• Hexane, 2-methyl-	591-76-4	0% TO 10.35%	Not Listed
• Polyterpene resin	26813-14-9	7% TO 13%	Not Listed
• Naphthalene	91-20-3	< 0.0039%	1 %
• Acetic acid, butyl ester	123-86-4	5% TO 10%	1 %
• Heptane	142-82-5	20.7% TO 31.05%	1 %
• Toluene	108-88-3	< 0.0345%	1 %
• Benzene	71-43-2	< 0.0007%	0.1 %
• Polybutene	9003-29-6	1.96%	Not Listed
• Pentane, 2,3-dimethyl-	565-59-3	0% TO 3.45%	Not Listed
• 3-Ethylpentane	617-78-7	0% TO 3.45%	Not Listed
• Benzenamine, 4-(1-methyl-1-phenylethyl)-N-[4-(1-methyl-1-phenylethyl)phenyl]-	10081-67-1	0.19%	Not Listed

Environment

Canada - CEPA - Priority Substances List

• Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	Not Listed
• Methylcyclohexane	108-87-2	0% TO 13.8%	Not Listed
• 3-Methylhexane	589-34-4	0% TO 20.7%	Not Listed
• Hexane, 2-methyl-	591-76-4	0% TO 10.35%	Not Listed
• Polyterpene resin	26813-14-9	7% TO 13%	Not Listed
• Naphthalene	91-20-3	< 0.0039%	Not Listed
• Acetic acid, butyl ester	123-86-4	5% TO 10%	Not Listed
• Heptane	142-82-5	20.7% TO 31.05%	Not Listed
• Toluene	108-88-3	< 0.0345%	Priority Substance List 1 (substance not considered toxic)
• Benzene	71-43-2	< 0.0007%	Priority Substance List 1 (substance considered toxic)
• Polybutene	9003-29-6	1.96%	Not Listed
• Pentane, 2,3-dimethyl-	565-59-3	0% TO 3.45%	Not Listed
• 3-Ethylpentane	617-78-7	0% TO 3.45%	Not Listed

• Benzenamine, 4-(1-methyl-1-phenylethyl)-N-[4-(1-methyl-1-phenylethyl)phenyl]-	10081-67-1	0.19%	Not Listed

United States

Labor

U.S. - OSHA - Process Safety Management - Highly Hazardous Chemicals

• Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	Not Listed
• Methylcyclohexane	108-87-2	0% TO 13.8%	Not Listed
• 3-Methylhexane	589-34-4	0% TO 20.7%	Not Listed
• Hexane, 2-methyl-	591-76-4	0% TO 10.35%	Not Listed
• Polyterpene resin	26813-14-9	7% TO 13%	Not Listed
• Naphthalene	91-20-3	< 0.0039%	Not Listed
• Acetic acid, butyl ester	123-86-4	5% TO 10%	Not Listed
• Heptane	142-82-5	20.7% TO 31.05%	Not Listed
• Toluene	108-88-3	< 0.0345%	Not Listed
• Benzene	71-43-2	< 0.0007%	Not Listed
• Polybutene	9003-29-6	1.96%	Not Listed
• Pentane, 2,3-dimethyl-	565-59-3	0% TO 3.45%	Not Listed
• 3-Ethylpentane	617-78-7	0% TO 3.45%	Not Listed
• Benzenamine, 4-(1-methyl-1-phenylethyl)-N-[4-(1-methyl-1-phenylethyl)phenyl]-	10081-67-1	0.19%	Not Listed

U.S. - OSHA - Specifically Regulated Chemicals

• Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	Not Listed
• Methylcyclohexane	108-87-2	0% TO 13.8%	Not Listed
• 3-Methylhexane	589-34-4	0% TO 20.7%	Not Listed
• Hexane, 2-methyl-	591-76-4	0% TO 10.35%	Not Listed
• Polyterpene resin	26813-14-9	7% TO 13%	Not Listed
• Naphthalene	91-20-3	< 0.0039%	Not Listed
• Acetic acid, butyl ester	123-86-4	5% TO 10%	Not Listed
• Heptane	142-82-5	20.7% TO 31.05%	Not Listed
• Toluene	108-88-3	< 0.0345%	Not Listed
• Benzene	71-43-2	< 0.0007%	5 ppm STEL (Cancer hazard, Flammable, See 29 CFR 1910.1028, 15 min); 0.5 ppm Action Level; 1 ppm TWA
• Polybutene	9003-29-6	1.96%	Not Listed
• Pentane, 2,3-dimethyl-	565-59-3	0% TO 3.45%	Not Listed
• 3-Ethylpentane	617-78-7	0% TO 3.45%	Not Listed
• Benzenamine, 4-(1-methyl-1-phenylethyl)-N-[4-(1-methyl-1-phenylethyl)phenyl]-	10081-67-1	0.19%	Not Listed

Environment

U.S. - CAA (Clean Air Act) - 1990 Hazardous Air Pollutants

• Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	Not Listed
• Methylcyclohexane	108-87-2	0% TO 13.8%	Not Listed
• 3-Methylhexane	589-34-4	0% TO 20.7%	Not Listed
• Hexane, 2-methyl-	591-76-4	0% TO 10.35%	Not Listed
• Polyterpene resin	26813-14-9	7% TO 13%	Not Listed
• Naphthalene	91-20-3	< 0.0039%	
• Acetic acid, butyl ester	123-86-4	5% TO 10%	Not Listed
• Heptane	142-82-5	20.7% TO 31.05%	Not Listed
• Toluene	108-88-3	< 0.0345%	
• Benzene	71-43-2	< 0.0007%	(including Benzene from gasoline)
• Polybutene	9003-29-6	1.96%	Not Listed

• Pentane, 2,3-dimethyl-	565-59-3	0% TO 3.45%	Not Listed
• 3-Ethylpentane	617-78-7	0% TO 3.45%	Not Listed
• Benzenamine, 4-(1-methyl-1-phenylethyl)-N-[4-(1-methyl-1-phenylethyl) phenyl]-	10081-67-1	0.19%	Not Listed

U.S. - CERCLA/SARA - Hazardous Substances and their Reportable Quantities

• Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	Not Listed
• Methylcyclohexane	108-87-2	0% TO 13.8%	Not Listed
• 3-Methylhexane	589-34-4	0% TO 20.7%	Not Listed
• Hexane, 2-methyl-	591-76-4	0% TO 10.35%	Not Listed
• Polyterpene resin	26813-14-9	7% TO 13%	Not Listed
• Naphthalene	91-20-3	< 0.0039%	100 lb final RQ; 45.4 kg final RQ
• Acetic acid, butyl ester	123-86-4	5% TO 10%	5000 lb final RQ; 2270 kg final RQ
• Heptane	142-82-5	20.7% TO 31.05%	Not Listed
• Toluene	108-88-3	< 0.0345%	1000 lb final RQ; 454 kg final RQ
• Benzene	71-43-2	< 0.0007%	10 lb final RQ (received an adjusted RQ of 10 lbs based on potential carcinogenicity in an August 14, 1989 final rule); 4.54 kg final RQ (received an adjusted RQ of 10 lbs based on potential carcinogenicity in an August 14, 1989 final rule)
• Polybutene	9003-29-6	1.96%	Not Listed
• Pentane, 2,3-dimethyl-	565-59-3	0% TO 3.45%	Not Listed
• 3-Ethylpentane	617-78-7	0% TO 3.45%	Not Listed
• Benzenamine, 4-(1-methyl-1-phenylethyl)-N-[4-(1-methyl-1-phenylethyl)phenyl]-	10081-67-1	0.19%	Not Listed

U.S. - CERCLA/SARA - Radionuclides and Their Reportable Quantities

• Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	Not Listed
• Methylcyclohexane	108-87-2	0% TO 13.8%	Not Listed
• 3-Methylhexane	589-34-4	0% TO 20.7%	Not Listed
• Hexane, 2-methyl-	591-76-4	0% TO 10.35%	Not Listed
• Polyterpene resin	26813-14-9	7% TO 13%	Not Listed
• Naphthalene	91-20-3	< 0.0039%	Not Listed
• Acetic acid, butyl ester	123-86-4	5% TO 10%	Not Listed
• Heptane	142-82-5	20.7% TO 31.05%	Not Listed
• Toluene	108-88-3	< 0.0345%	Not Listed
• Benzene	71-43-2	< 0.0007%	Not Listed
• Polybutene	9003-29-6	1.96%	Not Listed
• Pentane, 2,3-dimethyl-	565-59-3	0% TO 3.45%	Not Listed
• 3-Ethylpentane	617-78-7	0% TO 3.45%	Not Listed
• Benzenamine, 4-(1-methyl-1-phenylethyl)-N-[4-(1-methyl-1-phenylethyl)phenyl]-	10081-67-1	0.19%	Not Listed

U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances EPCRA RQs

• Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	Not Listed
• Methylcyclohexane	108-87-2	0% TO 13.8%	Not Listed
• 3-Methylhexane	589-34-4	0% TO 20.7%	Not Listed
• Hexane, 2-methyl-	591-76-4	0% TO 10.35%	Not Listed
• Polyterpene resin	26813-14-9	7% TO 13%	Not Listed
• Naphthalene	91-20-3	< 0.0039%	Not Listed
• Acetic acid, butyl ester	123-86-4	5% TO 10%	Not Listed
• Heptane	142-82-5	20.7% TO 31.05%	Not Listed
• Toluene	108-88-3	< 0.0345%	Not Listed
• Benzene	71-43-2	< 0.0007%	Not Listed
• Polybutene	9003-29-6	1.96%	Not Listed

• Pentane, 2,3-dimethyl-	565-59-3	0% TO 3.45%	Not Listed
• 3-Ethylpentane	617-78-7	0% TO 3.45%	Not Listed
• Benzenamine, 4-(1-methyl-1-phenylethyl)-N-[4-(1-methyl-1-phenylethyl)phenyl]-	10081-67-1	0.19%	Not Listed

U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances TPQs

• Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	Not Listed
• Methylcyclohexane	108-87-2	0% TO 13.8%	Not Listed
• 3-Methylhexane	589-34-4	0% TO 20.7%	Not Listed
• Hexane, 2-methyl-	591-76-4	0% TO 10.35%	Not Listed
• Polyterpene resin	26813-14-9	7% TO 13%	Not Listed
• Naphthalene	91-20-3	< 0.0039%	Not Listed
• Acetic acid, butyl ester	123-86-4	5% TO 10%	Not Listed
• Heptane	142-82-5	20.7% TO 31.05%	Not Listed
• Toluene	108-88-3	< 0.0345%	Not Listed
• Benzene	71-43-2	< 0.0007%	Not Listed
• Polybutene	9003-29-6	1.96%	Not Listed
• Pentane, 2,3-dimethyl-	565-59-3	0% TO 3.45%	Not Listed
• 3-Ethylpentane	617-78-7	0% TO 3.45%	Not Listed
• Benzenamine, 4-(1-methyl-1-phenylethyl)-N-[4-(1-methyl-1-phenylethyl)phenyl]-	10081-67-1	0.19%	Not Listed

U.S. - CERCLA/SARA - Section 313 - Emission Reporting

• Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	Not Listed
• Methylcyclohexane	108-87-2	0% TO 13.8%	Not Listed
• 3-Methylhexane	589-34-4	0% TO 20.7%	Not Listed
• Hexane, 2-methyl-	591-76-4	0% TO 10.35%	Not Listed
• Polyterpene resin	26813-14-9	7% TO 13%	Not Listed
• Naphthalene	91-20-3	< 0.0039%	0.1 % de minimis concentration
• Acetic acid, butyl ester	123-86-4	5% TO 10%	Not Listed
• Heptane	142-82-5	20.7% TO 31.05%	Not Listed
• Toluene	108-88-3	< 0.0345%	1.0 % de minimis concentration
• Benzene	71-43-2	< 0.0007%	0.1 % de minimis concentration
• Polybutene	9003-29-6	1.96%	Not Listed
• Pentane, 2,3-dimethyl-	565-59-3	0% TO 3.45%	Not Listed
• 3-Ethylpentane	617-78-7	0% TO 3.45%	Not Listed
• Benzenamine, 4-(1-methyl-1-phenylethyl)-N-[4-(1-methyl-1-phenylethyl) phenyl]-	10081-67-1	0.19%	Not Listed

U.S. - CERCLA/SARA - Section 313 - PBT Chemical Listing

• Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	Not Listed
• Methylcyclohexane	108-87-2	0% TO 13.8%	Not Listed
• 3-Methylhexane	589-34-4	0% TO 20.7%	Not Listed
• Hexane, 2-methyl-	591-76-4	0% TO 10.35%	Not Listed
• Polyterpene resin	26813-14-9	7% TO 13%	Not Listed
• Naphthalene	91-20-3	< 0.0039%	Not Listed
• Acetic acid, butyl ester	123-86-4	5% TO 10%	Not Listed
• Heptane	142-82-5	20.7% TO 31.05%	Not Listed
• Toluene	108-88-3	< 0.0345%	Not Listed
• Benzene	71-43-2	< 0.0007%	Not Listed
• Polybutene	9003-29-6	1.96%	Not Listed
• Pentane, 2,3-dimethyl-	565-59-3	0% TO 3.45%	Not Listed
• 3-Ethylpentane	617-78-7	0% TO 3.45%	Not Listed

• Benzenamine, 4-(1-methyl-1-phenylethyl)-N-[4-(1-methyl-1-phenylethyl)phenyl]-	10081-67-1	0.19%	Not Listed

U.S. - RCRA (Resource Conservation & Recovery Act) - Basis for Listing - Appendix VII

• Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	Not Listed
• Methylcyclohexane	108-87-2	0% TO 13.8%	Not Listed
• 3-Methylhexane	589-34-4	0% TO 20.7%	Not Listed
• Hexane, 2-methyl-	591-76-4	0% TO 10.35%	Not Listed
• Polyterpene resin	26813-14-9	7% TO 13%	Not Listed
• Naphthalene	91-20-3	< 0.0039%	Included in waste streams: F024, F025, F034, F039, K001, K035, K060, K087, K145
• Acetic acid, butyl ester	123-86-4	5% TO 10%	Not Listed
• Heptane	142-82-5	20.7% TO 31.05%	Not Listed
• Toluene	108-88-3	< 0.0345%	Included in waste streams: F005, F024, F025, F039, K015, K036, K037, K149, K151
• Benzene	71-43-2	< 0.0007%	Included in waste streams: F005, F024, F025, F037, F038, F039, K085, K104, K105, K141, K142, K143, K144, K145, K147, K151, K159, K169, K171, K172
• Polybutene	9003-29-6	1.96%	Not Listed
• Pentane, 2,3-dimethyl-	565-59-3	0% TO 3.45%	Not Listed
• 3-Ethylpentane	617-78-7	0% TO 3.45%	Not Listed
• Benzenamine, 4-(1-methyl-1-phenylethyl)-N-[4-(1-methyl-1-phenylethyl)phenyl]-	10081-67-1	0.19%	Not Listed

U.S. - RCRA (Resource Conservation & Recovery Act) - Constituents for Detection Monitoring

• Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	Not Listed
• Methylcyclohexane	108-87-2	0% TO 13.8%	Not Listed
• 3-Methylhexane	589-34-4	0% TO 20.7%	Not Listed
• Hexane, 2-methyl-	591-76-4	0% TO 10.35%	Not Listed
• Polyterpene resin	26813-14-9	7% TO 13%	Not Listed
• Naphthalene	91-20-3	< 0.0039%	Not Listed
• Acetic acid, butyl ester	123-86-4	5% TO 10%	Not Listed
• Heptane	142-82-5	20.7% TO 31.05%	Not Listed
• Toluene	108-88-3	< 0.0345%	
• Benzene	71-43-2	< 0.0007%	
• Polybutene	9003-29-6	1.96%	Not Listed
• Pentane, 2,3-dimethyl-	565-59-3	0% TO 3.45%	Not Listed
• 3-Ethylpentane	617-78-7	0% TO 3.45%	Not Listed
• Benzenamine, 4-(1-methyl-1-phenylethyl)-N-[4-(1-methyl-1-phenylethyl)phenyl]-	10081-67-1	0.19%	Not Listed

U.S. - RCRA (Resource Conservation & Recovery Act) - D Series Wastes - Max Conc of Contaminants for the Tox Characteristic

• Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	Not Listed
• Methylcyclohexane	108-87-2	0% TO 13.8%	Not Listed
• 3-Methylhexane	589-34-4	0% TO 20.7%	Not Listed
• Hexane, 2-methyl-	591-76-4	0% TO 10.35%	Not Listed
• Polyterpene resin	26813-14-9	7% TO 13%	Not Listed
• Naphthalene	91-20-3	< 0.0039%	Not Listed
• Acetic acid, butyl ester	123-86-4	5% TO 10%	Not Listed
• Heptane	142-82-5	20.7% TO 31.05%	Not Listed
• Toluene	108-88-3	< 0.0345%	Not Listed
• Benzene	71-43-2	< 0.0007%	0.5 mg/L regulatory level
• Polybutene	9003-29-6	1.96%	Not Listed
• Pentane, 2,3-dimethyl-	565-59-3	0% TO 3.45%	Not Listed
• 3-Ethylpentane	617-78-7	0% TO 3.45%	Not Listed

• Benzenamine, 4-(1-methyl-1-phenylethyl)-N-[4-(1-methyl-1-phenylethyl) phenyl]-	10081-67-1	0.19%	Not Listed

U.S. - RCRA (Resource Conservation & Recovery Act) - Hazardous Constituents - Appendix VIII to 40 CFR 261

• Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	Not Listed
• Methylcyclohexane	108-87-2	0% TO 13.8%	Not Listed
• 3-Methylhexane	589-34-4	0% TO 20.7%	Not Listed
• Hexane, 2-methyl-	591-76-4	0% TO 10.35%	Not Listed
• Polyterpene resin	26813-14-9	7% TO 13%	Not Listed
• Naphthalene	91-20-3	< 0.0039%	waste number U165
• Acetic acid, butyl ester	123-86-4	5% TO 10%	Not Listed
• Heptane	142-82-5	20.7% TO 31.05%	Not Listed
• Toluene	108-88-3	< 0.0345%	waste number U220
• Benzene	71-43-2	< 0.0007%	waste number U019
• Polybutene	9003-29-6	1.96%	Not Listed
• Pentane, 2,3-dimethyl-	565-59-3	0% TO 3.45%	Not Listed
• 3-Ethylpentane	617-78-7	0% TO 3.45%	Not Listed
• Benzenamine, 4-(1-methyl-1-phenylethyl)-N-[4-(1-methyl-1-phenylethyl)phenyl]-	10081-67-1	0.19%	Not Listed

U.S. - RCRA (Resource Conservation & Recovery Act) - List for Hazardous Constituents

• Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	Not Listed
• Methylcyclohexane	108-87-2	0% TO 13.8%	Not Listed
• 3-Methylhexane	589-34-4	0% TO 20.7%	Not Listed
• Hexane, 2-methyl-	591-76-4	0% TO 10.35%	Not Listed
• Polyterpene resin	26813-14-9	7% TO 13%	Not Listed
• Naphthalene	91-20-3	< 0.0039%	
• Acetic acid, butyl ester	123-86-4	5% TO 10%	Not Listed
• Heptane	142-82-5	20.7% TO 31.05%	Not Listed
• Toluene	108-88-3	< 0.0345%	
• Benzene	71-43-2	< 0.0007%	
• Polybutene	9003-29-6	1.96%	Not Listed
• Pentane, 2,3-dimethyl-	565-59-3	0% TO 3.45%	Not Listed
• 3-Ethylpentane	617-78-7	0% TO 3.45%	Not Listed
• Benzenamine, 4-(1-methyl-1-phenylethyl)-N-[4-(1-methyl-1-phenylethyl)phenyl]-	10081-67-1	0.19%	Not Listed

U.S. - RCRA (Resource Conservation & Recovery Act) - Phase 4 LDR Rule - Universal Treatment Standards

• Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	Not Listed
• Methylcyclohexane	108-87-2	0% TO 13.8%	Not Listed
• 3-Methylhexane	589-34-4	0% TO 20.7%	Not Listed
• Hexane, 2-methyl-	591-76-4	0% TO 10.35%	Not Listed
• Polyterpene resin	26813-14-9	7% TO 13%	Not Listed
• Naphthalene	91-20-3	< 0.0039%	0.059 mg/L (wastewater); 5.6 mg/kg (nonwastewater)
• Acetic acid, butyl ester	123-86-4	5% TO 10%	Not Listed
• Heptane	142-82-5	20.7% TO 31.05%	Not Listed
• Toluene	108-88-3	< 0.0345%	0.080 mg/L (wastewater); 10 mg/kg (nonwastewater)
• Benzene	71-43-2	< 0.0007%	0.14 mg/L (wastewater); 10 mg/kg (nonwastewater)
• Polybutene	9003-29-6	1.96%	Not Listed
• Pentane, 2,3-dimethyl-	565-59-3	0% TO 3.45%	Not Listed
• 3-Ethylpentane	617-78-7	0% TO 3.45%	Not Listed
• Benzenamine, 4-(1-methyl-1-phenylethyl)-N-[4-(1-methyl-1-phenylethyl)phenyl]-	10081-67-1	0.19%	Not Listed

U.S. - RCRA (Resource Conservation & Recovery Act) - TSD Facilities Ground Water Monitoring

• Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	Not Listed
• Methylcyclohexane	108-87-2	0% TO 13.8%	Not Listed
• 3-Methylhexane	589-34-4	0% TO 20.7%	Not Listed
• Hexane, 2-methyl-	591-76-4	0% TO 10.35%	Not Listed
• Polyterpene resin	26813-14-9	7% TO 13%	Not Listed
• Naphthalene	91-20-3	< 0.0039%	
• Acetic acid, butyl ester	123-86-4	5% TO 10%	Not Listed
• Heptane	142-82-5	20.7% TO 31.05%	Not Listed
• Toluene	108-88-3	< 0.0345%	
• Benzene	71-43-2	< 0.0007%	
• Polybutene	9003-29-6	1.96%	Not Listed
• Pentane, 2,3-dimethyl-	565-59-3	0% TO 3.45%	Not Listed
• 3-Ethylpentane	617-78-7	0% TO 3.45%	Not Listed
• Benzenamine, 4-(1-methyl-1-phenylethyl)-N-[4-(1-methyl-1-phenylethyl)phenyl]-	10081-67-1	0.19%	Not Listed

U.S. - RCRA (Resource Conservation & Recovery Act) - U Series Wastes - Acutely Toxic Wastes & Other Hazardous Characteristics

• Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	Not Listed
• Methylcyclohexane	108-87-2	0% TO 13.8%	Not Listed
• 3-Methylhexane	589-34-4	0% TO 20.7%	Not Listed
• Hexane, 2-methyl-	591-76-4	0% TO 10.35%	Not Listed
• Polyterpene resin	26813-14-9	7% TO 13%	Not Listed
• Naphthalene	91-20-3	< 0.0039%	waste number U165
• Acetic acid, butyl ester	123-86-4	5% TO 10%	Not Listed
• Heptane	142-82-5	20.7% TO 31.05%	Not Listed
• Toluene	108-88-3	< 0.0345%	waste number U220
• Benzene	71-43-2	< 0.0007%	waste number U019 (Ignitable waste, Toxic waste)
• Polybutene	9003-29-6	1.96%	Not Listed
• Pentane, 2,3-dimethyl-	565-59-3	0% TO 3.45%	Not Listed
• 3-Ethylpentane	617-78-7	0% TO 3.45%	Not Listed
• Benzenamine, 4-(1-methyl-1-phenylethyl)-N-[4-(1-methyl-1-phenylethyl)phenyl]-	10081-67-1	0.19%	Not Listed

U.S. - RCRA (Resource Conservation & Recovery Act) - Waste Minimization Priority Chemicals

• Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	Not Listed
• Methylcyclohexane	108-87-2	0% TO 13.8%	Not Listed
• 3-Methylhexane	589-34-4	0% TO 20.7%	Not Listed
• Hexane, 2-methyl-	591-76-4	0% TO 10.35%	Not Listed
• Polyterpene resin	26813-14-9	7% TO 13%	Not Listed
• Naphthalene	91-20-3	< 0.0039%	
• Acetic acid, butyl ester	123-86-4	5% TO 10%	Not Listed
• Heptane	142-82-5	20.7% TO 31.05%	Not Listed
• Toluene	108-88-3	< 0.0345%	Not Listed
• Benzene	71-43-2	< 0.0007%	Not Listed
• Polybutene	9003-29-6	1.96%	Not Listed
• Pentane, 2,3-dimethyl-	565-59-3	0% TO 3.45%	Not Listed
• 3-Ethylpentane	617-78-7	0% TO 3.45%	Not Listed
• Benzenamine, 4-(1-methyl-1-phenylethyl)-N-[4-(1-methyl-1-phenylethyl)phenyl]-	10081-67-1	0.19%	Not Listed

United States - California

Environment

U.S. - California - Proposition 65 - Carcinogens List

• Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	Not Listed
• Methylcyclohexane	108-87-2	0% TO 13.8%	Not Listed
• 3-Methylhexane	589-34-4	0% TO 20.7%	Not Listed
• Hexane, 2-methyl-	591-76-4	0% TO 10.35%	Not Listed
• Polyterpene resin	26813-14-9	7% TO 13%	Not Listed
• Naphthalene	91-20-3	< 0.0039%	carcinogen, initial date 4/19/02
• Acetic acid, butyl ester	123-86-4	5% TO 10%	Not Listed
• Heptane	142-82-5	20.7% TO 31.05%	Not Listed
• Toluene	108-88-3	< 0.0345%	Not Listed
• Benzene	71-43-2	< 0.0007%	carcinogen, initial date 2/27/87
• Polybutene	9003-29-6	1.96%	Not Listed
• Pentane, 2,3-dimethyl-	565-59-3	0% TO 3.45%	Not Listed
• 3-Ethylpentane	617-78-7	0% TO 3.45%	Not Listed
• Benzenamine, 4-(1-methyl-1-phenylethyl)-N-[4-(1-methyl-1-phenylethyl) phenyl]-	10081-67-1	0.19%	Not Listed

U.S. - California - Proposition 65 - Developmental Toxicity

• Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	Not Listed
• Methylcyclohexane	108-87-2	0% TO 13.8%	Not Listed
• 3-Methylhexane	589-34-4	0% TO 20.7%	Not Listed
• Hexane, 2-methyl-	591-76-4	0% TO 10.35%	Not Listed
• Polyterpene resin	26813-14-9	7% TO 13%	Not Listed
• Naphthalene	91-20-3	< 0.0039%	Not Listed
• Acetic acid, butyl ester	123-86-4	5% TO 10%	Not Listed
• Heptane	142-82-5	20.7% TO 31.05%	Not Listed
• Toluene	108-88-3	< 0.0345%	developmental toxicity, initial date 1/1/91
• Benzene	71-43-2	< 0.0007%	developmental toxicity, initial date 12/26/97
• Polybutene	9003-29-6	1.96%	Not Listed
• Pentane, 2,3-dimethyl-	565-59-3	0% TO 3.45%	Not Listed
• 3-Ethylpentane	617-78-7	0% TO 3.45%	Not Listed
• Benzenamine, 4-(1-methyl-1-phenylethyl)-N-[4-(1-methyl-1-phenylethyl)phenyl]-	10081-67-1	0.19%	Not Listed

U.S. - California - Proposition 65 - Maximum Allowable Dose Levels (MADL)

• Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	Not Listed
• Methylcyclohexane	108-87-2	0% TO 13.8%	Not Listed
• 3-Methylhexane	589-34-4	0% TO 20.7%	Not Listed
• Hexane, 2-methyl-	591-76-4	0% TO 10.35%	Not Listed
• Polyterpene resin	26813-14-9	7% TO 13%	Not Listed
• Naphthalene	91-20-3	< 0.0039%	Not Listed
• Acetic acid, butyl ester	123-86-4	5% TO 10%	Not Listed
• Heptane	142-82-5	20.7% TO 31.05%	Not Listed
• Toluene	108-88-3	< 0.0345%	7000 µg/day MADL (level represents absorbed dose)
• Benzene	71-43-2	< 0.0007%	24 µg/day MADL (oral); 49 µg/day MADL (inhalation)
• Polybutene	9003-29-6	1.96%	Not Listed
• Pentane, 2,3-dimethyl-	565-59-3	0% TO 3.45%	Not Listed
• 3-Ethylpentane	617-78-7	0% TO 3.45%	Not Listed

• Benzenamine, 4-(1-methyl-1-phenylethyl)-N-[4-(1-methyl-1-phenylethyl)phenyl]-	10081-67-1	0.19%	Not Listed

U.S. - California - Proposition 65 - No Significant Risk Levels (NSRL)

• Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	Not Listed
• Methylcyclohexane	108-87-2	0% TO 13.8%	Not Listed
• 3-Methylhexane	589-34-4	0% TO 20.7%	Not Listed
• Hexane, 2-methyl-	591-76-4	0% TO 10.35%	Not Listed
• Polyterpene resin	26813-14-9	7% TO 13%	Not Listed
• Naphthalene	91-20-3	< 0.0039%	5.8 µg/day NSRL
• Acetic acid, butyl ester	123-86-4	5% TO 10%	Not Listed
• Heptane	142-82-5	20.7% TO 31.05%	Not Listed
• Toluene	108-88-3	< 0.0345%	Not Listed
• Benzene	71-43-2	< 0.0007%	6.4 µg/day NSRL (oral); 13 µg/day NSRL (inhalation)
• Polybutene	9003-29-6	1.96%	Not Listed
• Pentane, 2,3-dimethyl-	565-59-3	0% TO 3.45%	Not Listed
• 3-Ethylpentane	617-78-7	0% TO 3.45%	Not Listed
• Benzenamine, 4-(1-methyl-1-phenylethyl)-N-[4-(1-methyl-1-phenylethyl)phenyl]-	10081-67-1	0.19%	Not Listed

U.S. - California - Proposition 65 - Reproductive Toxicity - Female

• Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	Not Listed
• Methylcyclohexane	108-87-2	0% TO 13.8%	Not Listed
• 3-Methylhexane	589-34-4	0% TO 20.7%	Not Listed
• Hexane, 2-methyl-	591-76-4	0% TO 10.35%	Not Listed
• Polyterpene resin	26813-14-9	7% TO 13%	Not Listed
• Naphthalene	91-20-3	< 0.0039%	Not Listed
• Acetic acid, butyl ester	123-86-4	5% TO 10%	Not Listed
• Heptane	142-82-5	20.7% TO 31.05%	Not Listed
• Toluene	108-88-3	< 0.0345%	female reproductive toxicity, initial date 8/7/09
• Benzene	71-43-2	< 0.0007%	Not Listed
• Polybutene	9003-29-6	1.96%	Not Listed
• Pentane, 2,3-dimethyl-	565-59-3	0% TO 3.45%	Not Listed
• 3-Ethylpentane	617-78-7	0% TO 3.45%	Not Listed
• Benzenamine, 4-(1-methyl-1-phenylethyl)-N-[4-(1-methyl-1-phenylethyl)phenyl]-	10081-67-1	0.19%	Not Listed

U.S. - California - Proposition 65 - Reproductive Toxicity - Male

• Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	Not Listed
• Methylcyclohexane	108-87-2	0% TO 13.8%	Not Listed
• 3-Methylhexane	589-34-4	0% TO 20.7%	Not Listed
• Hexane, 2-methyl-	591-76-4	0% TO 10.35%	Not Listed
• Polyterpene resin	26813-14-9	7% TO 13%	Not Listed
• Naphthalene	91-20-3	< 0.0039%	Not Listed
• Acetic acid, butyl ester	123-86-4	5% TO 10%	Not Listed
• Heptane	142-82-5	20.7% TO 31.05%	Not Listed
• Toluene	108-88-3	< 0.0345%	Not Listed
• Benzene	71-43-2	< 0.0007%	male reproductive toxicity, initial date 12/26/97
• Polybutene	9003-29-6	1.96%	Not Listed
• Pentane, 2,3-dimethyl-	565-59-3	0% TO 3.45%	Not Listed
• 3-Ethylpentane	617-78-7	0% TO 3.45%	Not Listed

• Benzenamine, 4-(1-methyl-1-phenylethyl)-N-[4-(1-methyl-1-phenylethyl)phenyl]-	10081-67-1	0.19%	Not Listed

United States - Pennsylvania

Labor

U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List

• Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	Not Listed
• Methylcyclohexane	108-87-2	0% TO 13.8%	Not Listed
• 3-Methylhexane	589-34-4	0% TO 20.7%	Not Listed
• Hexane, 2-methyl-	591-76-4	0% TO 10.35%	Not Listed
• Polyterpene resin	26813-14-9	7% TO 13%	Not Listed
• Naphthalene	91-20-3	< 0.0039%	
• Acetic acid, butyl ester	123-86-4	5% TO 10%	
• Heptane	142-82-5	20.7% TO 31.05%	Not Listed
• Toluene	108-88-3	< 0.0345%	
• Benzene	71-43-2	< 0.0007%	
• Polybutene	9003-29-6	1.96%	Not Listed
• Pentane, 2,3-dimethyl-	565-59-3	0% TO 3.45%	Not Listed
• 3-Ethylpentane	617-78-7	0% TO 3.45%	Not Listed
• Benzenamine, 4-(1-methyl-1-phenylethyl)-N-[4-(1-methyl-1-phenylethyl)phenyl]-	10081-67-1	0.19%	Not Listed

U.S. - Pennsylvania - RTK (Right to Know) - Special Hazardous Substances

• Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	Not Listed
• Methylcyclohexane	108-87-2	0% TO 13.8%	Not Listed
• 3-Methylhexane	589-34-4	0% TO 20.7%	Not Listed
• Hexane, 2-methyl-	591-76-4	0% TO 10.35%	Not Listed
• Polyterpene resin	26813-14-9	7% TO 13%	Not Listed
• Naphthalene	91-20-3	< 0.0039%	Not Listed
• Acetic acid, butyl ester	123-86-4	5% TO 10%	Not Listed
• Heptane	142-82-5	20.7% TO 31.05%	Not Listed
• Toluene	108-88-3	< 0.0345%	Not Listed
• Benzene	71-43-2	< 0.0007%	
• Polybutene	9003-29-6	1.96%	Not Listed
• Pentane, 2,3-dimethyl-	565-59-3	0% TO 3.45%	Not Listed
• 3-Ethylpentane	617-78-7	0% TO 3.45%	Not Listed
• Benzenamine, 4-(1-methyl-1-phenylethyl)-N-[4-(1-methyl-1-phenylethyl)phenyl]-	10081-67-1	0.19%	Not Listed

United States - Rhode Island

Labor

U.S. - Rhode Island - Hazardous Substance List

• Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	Not Listed
• Methylcyclohexane	108-87-2	0% TO 13.8%	Toxic
• 3-Methylhexane	589-34-4	0% TO 20.7%	Not Listed
• Hexane, 2-methyl-	591-76-4	0% TO 10.35%	Not Listed
• Polyterpene resin	26813-14-9	7% TO 13%	Not Listed
• Naphthalene	91-20-3	< 0.0039%	Toxic; Flammable
• Acetic acid, butyl ester	123-86-4	5% TO 10%	Toxic; Flammable
• Heptane	142-82-5	20.7% TO 31.05%	Toxic; Flammable
• Toluene	108-88-3	< 0.0345%	Toxic (skin); Flammable (skin)
• Benzene	71-43-2	< 0.0007%	Toxic (skin); Flammable (skin); Carcinogen (skin)
• Polybutene	9003-29-6	1.96%	Not Listed

• Pentane, 2,3-dimethyl-	565-59-3	0% TO 3.45%	Not Listed
• 3-Ethylpentane	617-78-7	0% TO 3.45%	Not Listed
• Benzenamine, 4-(1-methyl-1-phenylethyl)-N-[4-(1-methyl-1-phenylethyl)phenyl]-	10081-67-1	0.19%	Not Listed

15.2 Chemical Safety Assessment

- No Chemical Safety Assessment has been carried out.

Section 16 - Other Information

Revision Summary		
Date	**MSDS No.**	**Changes**
07/March/2012	0202	• Section 2 changed. Changes include addition of UN GHS Hazardous to the aquatic environment Acute 1 and Hazardous to the aquatic environmental Chronic 1 Classifications. • Section 3 changed. Changes include formulation change.

Last Revision Date
- 07/March/2012

Preparation Date
- 31/October/2011

Disclaimer/Statement of Liability
- The information contained herein is believed to be accurate but is not warranted to be so. Data and calculations are based on information furnished by the manufacturer of the product and manufacturers of the components of the product. Users are advised to confirm in advance of need that information is current, applicable and suited to the circumstance of use. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed. Any questions regarding this product should be directed to the manufacturer of the product as described in Section 1.

Key to abbreviations

NDA = No data available.