

SECTION 1: Identification

1.1. Identification

Product form : Mixture
 Product name : BARRIER III HS PRIMER RED OXIDE
 Product code : 708295

1.2. Recommended use and restrictions on use

Use of the substance/mixture : Solventborne Coating
 Recommended use : Coatings and paints, thinners, paint removers

1.3. Supplier

Rodda Paint Co.
 6107 North Marine Drive
 Portland, Oregon 97203 - US
 T (503) 521-4300
www.roddapaint.com

1.4. Emergency telephone number

Emergency number : (800) 424-9300 Chemtrec 24 Hour Emergency Telephone Number

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS-US classification

Flammable liquids Category 2	H225	Highly flammable liquid and vapour
Skin sensitization, Category 1	H317	May cause an allergic skin reaction
Germ cell mutagenicity Category 1B	H340	May cause genetic defects
Carcinogenicity Category 1A	H350	May cause cancer
Hazardous to the aquatic environment - Acute Hazard Category 3	H402	Harmful to aquatic life

Full text of H statements : see section 16

2.2. GHS Label elements, including precautionary statements

GHS-US labeling

Hazard pictograms (GHS-US) :



Signal word (GHS-US) :

Danger

Hazard statements (GHS-US) :

H225 - Highly flammable liquid and vapour
 H317 - May cause an allergic skin reaction
 H340 - May cause genetic defects
 H350 - May cause cancer
 H402 - Harmful to aquatic life

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, open flames, sparks. - No smoking.
 P233 - Keep container tightly closed.
 P240 - Ground/Bond container and receiving equipment
 P241 - Use explosion-proof electrical, lighting, ventilating equipment
 P242 - Use only non-sparking tools.
 P261 - Avoid breathing dust, fume, gas, mist, spray, vapors.
 P272 - Contaminated work clothing must not be allowed out of the workplace
 P273 - Avoid release to the environment.
 P280 - Wear eye protection, face protection, protective clothing, protective gloves.
 P303+P361+P353 - If on skin (or hair): Take off immediately all contaminated clothing. Rinse

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skin with water/shower
P308+P313 - If exposed or concerned: Get medical advice/attention.
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
P363 - Wash contaminated clothing before reuse.
P370+P378 - In case of fire: Use ABC-powder, carbon dioxide (CO₂), foam to extinguish.
P403+P235 - Store in a well-ventilated place. Keep cool.
P405 - Store locked up.
P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation

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	Product identifier	%	GHS-US classification
VM&P NAPHTHA	(CAS-No.) 8032-32-4	13.8	Flam. Liq. 2, H225 Muta. 1B, H340 Carc. 1B, H350 Asp. Tox. 1, H304
METHY N-PROPYL KETONE	(CAS-No.) 107-87-9	7.9	Flam. Liq. 2, H225 Acute Tox. 4 (Oral), H302
METHYL ETHYL KETONE	(CAS-No.) 78-93-3	4.2	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336
SOLVENT NAPHTHA, LIGHT AROMATIC	(CAS-No.) 64742-95-6	1.6	Flam. Liq. 1, H224 Muta. 1B, H340 Carc. 1B, H350 Asp. Tox. 1, H304 Aquatic Acute 2, H401
QUARTZ	(CAS-No.) 14808-60-7	0.7	Carc. 1A, H350
MIBK	(CAS-No.) 108-10-1	0.5	Flam. Liq. 2, H225 Acute Tox. 4 (Inhalation), H332 Acute Tox. 3 (Inhalation:vapour), H331 Eye Irrit. 2, H319 Carc. 2, H351 STOT SE 3, H335
NAPHTHA (PETROLEUM), HYDROTREATED HEAVY	(CAS-No.) 64742-48-9	0.5	Muta. 1B, H340 Carc. 1B, H350 Asp. Tox. 1, H304
METHYL ETHYL KETOXIME	(CAS-No.) 96-29-7	0.2	Flam. Liq. 4, H227 Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Eye Dam. 1, H318 Skin Sens. 1, H317 Carc. 2, H351
ETHYLBENZENE	(CAS-No.) 100-41-4	0.2	Flam. Liq. 2, H225 Acute Tox. 4 (Inhalation), H332 Acute Tox. 4 (Inhalation:vapour), H332 Carc. 2, H351 STOT RE 2, H373 Asp. Tox. 1, H304 Aquatic Acute 2, H401
MINERAL SPIRITS	(CAS-No.) 64741-65-7	0.2	Flam. Liq. 3, H226 Acute Tox. 3 (Inhalation:vapour), H331 Muta. 1B, H340 Carc. 1B, H350 Asp. Tox. 1, H304 Aquatic Acute 2, H401

Full text of hazard classes and H-statements : see section 16

SECTION 4: First-aid measures

4.1. Description of first aid measures

First-aid measures general : IF exposed or concerned: Get medical advice/attention.
First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.

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- First-aid measures after skin contact : Rinse skin with water/shower. Remove/Take off immediately all contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.
- First-aid measures after eye contact : Rinse eyes with water as a precaution.
- First-aid measures after ingestion : Call a poison center/doctor/physician if you feel unwell.

4.2. Most important symptoms and effects (acute and delayed)

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

4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

- Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

5.2. Specific hazards arising from the chemical

- Fire hazard : Highly flammable liquid and vapour.
- Reactivity : Highly flammable liquid and vapour.

5.3. Special protective equipment and precautions for fire-fighters

- Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

- Emergency procedures : NO open flames, NO sparks, and NO smoking. Only qualified personnel equipped with suitable protective equipment may intervene. Avoid breathing mist, vapors, spray.

6.1.2. For emergency responders

- Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8 "Exposure controls/personal protection".

6.2. Environmental precautions

Avoid release to the environment. Notify authorities if product enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

- Methods for cleaning up : Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public waters.
- Other information : Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

- Precautions for safe handling : Ensure good ventilation of the work station. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Flammable vapors may accumulate in the container. Use explosion-proof equipment. Wear personal protective equipment. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Take all necessary technical measures to avoid or minimize the release of the product on the workplace. Limit quantities of product at the minimum necessary for handling and limit the number of exposed workers. Provide local exhaust or general room ventilation. Floors, walls and other surfaces in the hazard area must be cleaned regularly. Avoid contact with skin and eyes. Avoid breathing mist, vapors, spray.
- Hygiene measures : Separate working clothes from town clothes. Launder separately. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

- Technical measures : Ground/bond container and receiving equipment.
- Storage conditions : Store in a well-ventilated place. Keep cool. Keep container tightly closed. Store locked up.

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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

METHYL ETHYL KETOXIME (96-29-7)		
AIHA	WEEL TWA (ppm)	10 ppm

METHYL ETHYL KETONE (78-93-3)		
ACGIH	ACGIH TWA (ppm)	200 ppm
ACGIH	ACGIH STEL (ppm)	300 ppm
OSHA	OSHA PEL (TWA) (mg/m ³)	590 mg/m ³
OSHA	OSHA PEL (TWA) (ppm)	200 ppm
IDLH	US IDLH (ppm)	3000 ppm
NIOSH	NIOSH REL (TWA) (mg/m ³)	590 mg/m ³
NIOSH	NIOSH REL (TWA) (ppm)	200 ppm
NIOSH	NIOSH REL (STEL) (mg/m ³)	885 mg/m ³
NIOSH	NIOSH REL (STEL) (ppm)	300 ppm

VM&P NAPHTHA (8032-32-4)		
NIOSH	NIOSH REL (TWA) (mg/m ³)	350 mg/m ³
NIOSH	NIOSH REL (ceiling) (mg/m ³)	1800 mg/m ³

QUARTZ (14808-60-7)		
ACGIH	ACGIH TWA (mg/m ³)	0.025 mg/m ³ (respirable particulate matter)
OSHA	OSHA PEL (TWA) (mg/m ³)	50 µg/m ³
IDLH	US IDLH (mg/m ³)	50 mg/m ³ (respirable dust)
NIOSH	NIOSH REL (TWA) (mg/m ³)	0.05 mg/m ³ (respirable dust)

ETHYLBENZENE (100-41-4)		
ACGIH	ACGIH TWA (ppm)	20 ppm
OSHA	OSHA PEL (TWA) (mg/m ³)	435 mg/m ³
OSHA	OSHA PEL (TWA) (ppm)	100 ppm
IDLH	US IDLH (ppm)	800 ppm (10% LEL)
NIOSH	NIOSH REL (TWA) (mg/m ³)	435 mg/m ³
NIOSH	NIOSH REL (TWA) (ppm)	100 ppm
NIOSH	NIOSH REL (STEL) (mg/m ³)	545 mg/m ³
NIOSH	NIOSH REL (STEL) (ppm)	125 ppm

SOLVENT NAPHTHA, LIGHT AROMATIC (64742-95-6)		
Not applicable		

MINERAL SPIRITS (64741-65-7)		
Not applicable		

NAPHTHA (PETROLEUM), HYDROTREATED HEAVY (64742-48-9)		
Not applicable		

METHY N-PROPYL KETONE (107-87-9)		
ACGIH	ACGIH STEL (ppm)	150 ppm
OSHA	OSHA PEL (TWA) (mg/m ³)	700 mg/m ³
OSHA	OSHA PEL (TWA) (ppm)	200 ppm
IDLH	US IDLH (ppm)	1500 ppm
NIOSH	NIOSH REL (TWA) (mg/m ³)	530 mg/m ³
NIOSH	NIOSH REL (TWA) (ppm)	150 ppm

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MIBK (108-10-1)		
ACGIH	Local name	Methyl isobutyl ketone
ACGIH	ACGIH TWA (ppm)	20 ppm
ACGIH	ACGIH STEL (ppm)	75 ppm
ACGIH	Remark (ACGIH)	URT irr; dizziness; headache
OSHA	OSHA PEL (TWA) (mg/m ³)	410 mg/m ³
OSHA	OSHA PEL (TWA) (ppm)	100 ppm
IDLH	US IDLH (ppm)	500 ppm
NIOSH	NIOSH REL (TWA) (mg/m ³)	205 mg/m ³
NIOSH	NIOSH REL (TWA) (ppm)	50 ppm
NIOSH	NIOSH REL (STEL) (mg/m ³)	300 mg/m ³
NIOSH	NIOSH REL (STEL) (ppm)	75 ppm

8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.
Environmental exposure controls : Avoid release to the environment.

8.3. Individual protection measures/Personal protective equipment

Personal protective equipment:

Gloves. Respiratory protection of the dependent type. Protective goggles. Protective clothing.

Hand protection:

Protective gloves

Eye protection:

Safety glasses

Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

Wear respiratory protection.

Personal protective equipment symbol(s):



SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid
Color : red
Odor : aromatic
Odor threshold : No data available
pH : No data available
Melting point : Not applicable
Freezing point : No data available
Boiling point : >= 79 °C
Flash point : 7 °C
Relative evaporation rate (butyl acetate=1) : No data available
Flammability (solid, gas) : Not applicable.

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Vapor pressure	: No data available
Relative vapor density at 20 °C	: No data available
Specific gravity	: 1.252
Solubility	: No data available
Log Pow	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: 500 cSt
Viscosity, dynamic	: No data available
Explosion limits	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Highly flammable liquid and vapour.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Avoid contact with hot surfaces. Heat. No flames, No sparks. Eliminate all sources of ignition.

10.5. Incompatible materials

No additional information available

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 : Not classified

METHYL ETHYL KETOXIME (96-29-7)	
LD50 oral rat	930 mg/kg
LD50 dermal rabbit	1000 - 1800 mg/kg
LC50 inhalation rat (mg/l)	> 4800 mg/l (Exposure time: 4 h)
ATE US (oral)	930 mg/kg body weight
ATE US (dermal)	1000 mg/kg body weight

METHYL ETHYL KETONE (78-93-3)	
LD50 oral rat	2483 mg/kg
LD50 dermal rabbit	5000 mg/kg
LC50 inhalation rat (ppm)	11700 ppm/4h
ATE US (oral)	2483 mg/kg body weight
ATE US (dermal)	5000 mg/kg body weight
ATE US (gases)	11700 ppmV/4h

VM&P NAPHTHA (8032-32-4)	
LC50 inhalation rat (ppm)	3400 ppm/4h
ATE US (gases)	3400 ppmV/4h

ETHYLBENZENE (100-41-4)	
LD50 oral rat	3500 mg/kg
LD50 dermal rabbit	15400 mg/kg
LC50 inhalation rat (mg/l)	17.4 mg/l/4h

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ETHYLBENZENE (100-41-4)	
ATE US (oral)	3500 mg/kg body weight
ATE US (dermal)	15400 mg/kg body weight
ATE US (gases)	4500 ppmV/4h
ATE US (vapors)	17.4 mg/l/4h
ATE US (dust, mist)	1.5 mg/l/4h

SOLVENT NAPHTHA, LIGHT AROMATIC (64742-95-6)	
LD50 oral rat	8400 mg/kg
LD50 dermal rabbit	> 2000 mg/kg
LC50 inhalation rat (ppm)	3400 ppm/4h
ATE US (oral)	8400 mg/kg body weight
ATE US (gases)	3400 ppmV/4h

MINERAL SPIRITS (64741-65-7)	
LD50 oral rat	> 7000 mg/kg
LD50 dermal rabbit	> 2000 mg/kg
LC50 inhalation rat (mg/l)	> 5.04 mg/l/4h
ATE US (vapors)	3 mg/l/4h

NAPHTHA (PETROLEUM), HYDROTREATED HEAVY (64742-48-9)	
LD50 oral rat	> 6000 mg/kg
LD50 dermal rabbit	> 3160 mg/kg
LC50 inhalation rat (mg/l)	> 8500 mg/m ³ (Exposure time: 4 h)

METHY N-PROPYL KETONE (107-87-9)	
LD50 oral rat	1600 mg/kg
LD50 dermal rat	6480 mg/kg
LC50 inhalation rat (ppm)	2000 - 4000 ppm/4h
ATE US (oral)	1600 mg/kg body weight
ATE US (dermal)	6480 mg/kg body weight
ATE US (gases)	2000 ppmV/4h

MIBK (108-10-1)	
LD50 oral rat	2080 mg/kg
LD50 dermal rabbit	3000 mg/kg
LC50 inhalation rat (mg/l)	8.2 mg/l/4h
ATE US (oral)	2080 mg/kg body weight
ATE US (dermal)	3000 mg/kg body weight
ATE US (gases)	4500 ppmV/4h
ATE US (vapors)	8.2 mg/l/4h
ATE US (dust, mist)	1.5 mg/l/4h

Skin corrosion/irritation : Not classified
Serious eye damage/irritation : Not classified
Respiratory or skin sensitization : May cause an allergic skin reaction.
Germ cell mutagenicity : May cause genetic defects.
Carcinogenicity : May cause cancer.

QUARTZ (14808-60-7)	
IARC group	1 - Carcinogenic to Humans
National Toxicity Program (NTP) Status	Known Human Carcinogens
In OSHA Hazard Communication Carcinogen list	Yes

ETHYLBENZENE (100-41-4)	
IARC group	2B - Possibly Carcinogenic to Humans
National Toxicity Program (NTP) Status	Evidence of Carcinogenicity
In OSHA Hazard Communication Carcinogen list	Yes

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MIBK (108-10-1)	
IARC group	2B - Possibly Carcinogenic to Humans
National Toxicity Program (NTP) Status	Evidence of Carcinogenicity
In OSHA Hazard Communication Carcinogen list	Yes

Reproductive toxicity : Not classified

Specific target organ toxicity – single exposure : Not classified

Specific target organ toxicity – repeated exposure : Not classified

Aspiration hazard : Not classified

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

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

METHYL ETHYL KETOXIME (96-29-7)	
LC50 fish 1	777 - 914 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
EC50 Daphnia 1	750 mg/l (Exposure time: 48 h - Species: Daphnia magna)
LC50 fish 2	760 mg/l (Exposure time: 96 h - Species: Poecilia reticulata [static])

METHYL ETHYL KETONE (78-93-3)	
LC50 fish 1	3130 - 3320 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
EC50 Daphnia 1	> 520 mg/l (Exposure time: 48 h - Species: Daphnia magna)
EC50 Daphnia 2	5091 mg/l (Exposure time: 48 h - Species: Daphnia magna)

ETHYLBENZENE (100-41-4)	
LC50 fish 1	11.0 - 18.0 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])
EC50 Daphnia 1	1.8 - 2.4 mg/l (Exposure time: 48 h - Species: Daphnia magna)
LC50 fish 2	4.2 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [semi-static])

SOLVENT NAPHTHA, LIGHT AROMATIC (64742-95-6)	
LC50 fish 1	9.22 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss)
EC50 Daphnia 1	6.14 mg/l (Exposure time: 48 h - Species: Daphnia magna)

MINERAL SPIRITS (64741-65-7)	
EC50 Daphnia 1	2 mg/l (Exposure time: 48 h - Species: Mysidopsis bahia)

NAPHTHA (PETROLEUM), HYDROTREATED HEAVY (64742-48-9)	
LC50 fish 1	2200 mg/l (Exposure time: 96 h - Species: Pimephales promelas)

METHY N-PROPYL KETONE (107-87-9)	
LC50 fish 1	1190 - 1290 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])

MIBK (108-10-1)	
LC50 fish 1	496 - 514 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
EC50 Daphnia 1	170 mg/l (Exposure time: 48 h - Species: Daphnia magna)

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

METHYL ETHYL KETOXIME (96-29-7)	
BCF fish 1	0.5 - 5.8

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METHYL ETHYL KETOXIME (96-29-7)	
Log Pow	0.65 (at 25 °C)
METHYL ETHYL KETONE (78-93-3)	
Log Pow	0.3
ETHYLBENZENE (100-41-4)	
BCF fish 1	15
Log Pow	3.2
METHY N-PROPYL KETONE (107-87-9)	
Log Pow	0.91
MIBK (108-10-1)	
Log Pow	1.19

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

ETHYLBENZENE (100-41-4)	
1990 Hazardous Air Pollutant (Clean Air Act)	Yes
MIBK (108-10-1)	
1990 Hazardous Air Pollutant (Clean Air Act)	Yes

SECTION 13: Disposal considerations

13.1. Disposal methods

Waste treatment methods	: Dispose of contents/container in accordance with licensed collector's sorting instructions.
Product/Packaging disposal recommendations	: Avoid release to the environment. Discharging into rivers and drains is forbidden. Dispose of contents/container to hazardous or special waste collection point in accordance with state and local regulations.
Additional information	: Flammable vapors may accumulate in the container.

SECTION 14: Transport information

Department of Transportation (DOT)

In accordance with DOT

Transport document description	: UN1263 Paint (including paint, lacquer, enamel, stain, shellac solutions, varnish, polish, liquid filler, and liquid lacquer base), 3, II
UN-No.(DOT)	: UN1263
Proper Shipping Name (DOT)	: Paint including paint, lacquer, enamel, stain, shellac solutions, varnish, polish, liquid filler, and liquid lacquer base
Class (DOT)	: 3 - Class 3 - Flammable and combustible liquid 49 CFR 173.120
Packing group (DOT)	: II - Medium Danger
Hazard labels (DOT)	: 3 - Flammable liquid



DOT Packaging Non Bulk (49 CFR 173.xxx)	: 173
DOT Packaging Bulk (49 CFR 173.xxx)	: 242

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DOT Special Provisions (49 CFR 172.102)	: 149 - When transported as a limited quantity or a consumer commodity, the maximum net capacity specified in 173.150(b)(2) of this subchapter for inner packaging may be increased to 5 L (1.3 gallons). B52 - Notwithstanding the provisions of 173.24b of this subchapter, non-reclosing pressure relief devices are authorized on DOT 57 portable tanks. IB2 - Authorized IBCs: Metal (31A, 31B and 31N); Rigid plastics (31H1 and 31H2); Composite (31HZ1). Additional Requirement: Only liquids with a vapor pressure less than or equal to 110 kPa at 50 C (1.1 bar at 122 F), or 130 kPa at 55 C (1.3 bar at 131 F) are authorized. T4 - 2.65 178.274(d)(2) Normal..... 178.275(d)(3) TP1 - The maximum degree of filling must not exceed the degree of filling determined by the following: Degree of filling = $97 / 1 + a (tr - tf)$ Where: tr is the maximum mean bulk temperature during transport, and tf is the temperature in degrees celsius of the liquid during filling. TP8 - A portable tank having a minimum test pressure of 1.5 bar (150 kPa) may be used when the flash point of the hazardous material transported is greater than 0 C (32 F). TP28 - A portable tank having a minimum test pressure of 2.65 bar (265 kPa) may be used provided the calculated test pressure is 2.65 bar or less based on the MAWP of the hazardous material, as defined in 178.275 of this subchapter, where the test pressure is 1.5 times the MAWP.
DOT Packaging Exceptions (49 CFR 173.xxx)	: 150
DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27)	: 5 L
DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75)	: 60 L
DOT Vessel Stowage Location	: B - (i) The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel carrying a number of passengers limited to not more than the larger of 25 passengers, or one passenger per each 3 m of overall vessel length; and (ii) "On deck only" on passenger vessels in which the number of passengers specified in paragraph (k)(2)(i) of this section is exceeded.
Emergency Response Guide (ERG) Number	: 128
Other information	: No supplementary information available.

Transportation of Dangerous Goods

Transport by sea

Not regulated

Air transport

Not regulated

SECTION 15: Regulatory information

15.1. US Federal regulations

Chemical(s) subject to the reporting requirements of Section 313 or Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372.

ETHYLBENZENE	CAS-No. 100-41-4	0.2%
METHYL ETHYL KETOXIME (96-29-7)		
Listed on the United States TSCA (Toxic Substances Control Act) inventory		
METHYL ETHYL KETONE (78-93-3)		
Listed on the United States TSCA (Toxic Substances Control Act) inventory		
CERCLA RQ	5000 lb	
VM&P NAPHTHA (8032-32-4)		
Listed on the United States TSCA (Toxic Substances Control Act) inventory		
QUARTZ (14808-60-7)		
Listed on the United States TSCA (Toxic Substances Control Act) inventory		
ETHYLBENZENE (100-41-4)		
Listed on the United States TSCA (Toxic Substances Control Act) inventory		
EPA TSCA Regulatory Flag	T - T - indicates a substance that is the subject of a Section 4 test rule under TSCA.	
CERCLA RQ	1000 lb	

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SOLVENT NAPHTHA, LIGHT AROMATIC (64742-95-6)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
MINERAL SPIRITS (64741-65-7)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
NAPHTHA (PETROLEUM), HYDROTREATED HEAVY (64742-48-9)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
METHY N-PROPYL KETONE (107-87-9)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
MIBK (108-10-1)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
CERCLA RQ	5000 lb

15.2. International regulations

CANADA

METHYL ETHYL KETOXIME (96-29-7)	
Listed on the Canadian DSL (Domestic Substances List) inventory.	
Toxic Substance (CEPA – Schedule I)	Yes
METHYL ETHYL KETONE (78-93-3)	
Listed on the Canadian DSL (Domestic Substances List) inventory.	
VM&P NAPHTHA (8032-32-4)	
Listed on the Canadian DSL (Domestic Substances List) inventory.	
QUARTZ (14808-60-7)	
Listed on the Canadian DSL (Domestic Substances List) inventory.	
ETHYLBENZENE (100-41-4)	
Listed on the Canadian DSL (Domestic Substances List) inventory.	
SOLVENT NAPHTHA, LIGHT AROMATIC (64742-95-6)	
Listed on the Canadian DSL (Domestic Substances List) inventory.	
MINERAL SPIRITS (64741-65-7)	
Listed on the Canadian DSL (Domestic Substances List) inventory.	
NAPHTHA (PETROLEUM), HYDROTREATED HEAVY (64742-48-9)	
Listed on the Canadian DSL (Domestic Substances List) inventory.	
METHY N-PROPYL KETONE (107-87-9)	
Listed on the Canadian DSL (Domestic Substances List) inventory.	
MIBK (108-10-1)	
Listed on the Canadian DSL (Domestic Substances List) inventory.	

EU-Regulations

METHYL ETHYL KETOXIME (96-29-7)	
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances) substances.	
METHYL ETHYL KETONE (78-93-3)	
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances) substances.	
VM&P NAPHTHA (8032-32-4)	
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances) substances.	
QUARTZ (14808-60-7)	
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances) substances.	
ETHYLBENZENE (100-41-4)	
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances) substances.	
SOLVENT NAPHTHA, LIGHT AROMATIC (64742-95-6)	
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances) substances.	
MINERAL SPIRITS (64741-65-7)	
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances) substances.	

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NAPHTHA (PETROLEUM), HYDROTREATED HEAVY (64742-48-9)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances) substances.

METHY N-PROPYL KETONE (107-87-9)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances) substances.

MIBK (108-10-1)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances) substances.

National regulations

METHYL ETHYL KETOXIME (96-29-7)

Listed on the AICS (the Australian Inventory of Chemical Substances)
Listed on Inventory of Existing Chemical Substances (IECSC)
Listed on the Japanese ENCS (Existing & New Chemicals Substances) inventory.
Listed on Industrial Safety and Health Law Substances (ISHL)
Listed on the Korean ECL (Existing Chemical List) inventory.
Listed on New Zealand - Inventory of Chemicals (NZIoC)
Listed on Inventory of Chemicals and Chemical Substances (PICCS)
Listed on INSQ (Mexican National Inventory of Chemical Substances)
Listed on CICR (Turkish Inventory and Control of Chemicals)
Listed on the TCSI (Taiwan Chemical Substance Inventory)

METHYL ETHYL KETONE (78-93-3)

Listed on the AICS (the Australian Inventory of Chemical Substances)
Listed on Inventory of Existing Chemical Substances (IECSC)
Listed on the Japanese ENCS (Existing & New Chemicals Substances) inventory.
Listed on Industrial Safety and Health Law Substances (ISHL)
Listed on the Korean ECL (Existing Chemical List) inventory.
Listed on New Zealand - Inventory of Chemicals (NZIoC)
Listed on Inventory of Chemicals and Chemical Substances (PICCS)
Poisonous and Deleterious Substances Control Law
Listed on INSQ (Mexican National Inventory of Chemical Substances)
Listed on CICR (Turkish Inventory and Control of Chemicals)
Listed on the TCSI (Taiwan Chemical Substance Inventory)

VM&P NAPHTHA (8032-32-4)

Listed on the AICS (the Australian Inventory of Chemical Substances)
Listed on Inventory of Existing Chemical Substances (IECSC)
Listed on the Korean ECL (Existing Chemical List) inventory.
Listed on New Zealand - Inventory of Chemicals (NZIoC)
Listed on Inventory of Chemicals and Chemical Substances (PICCS)
Listed on INSQ (Mexican National Inventory of Chemical Substances)
Listed on CICR (Turkish Inventory and Control of Chemicals)
Listed on the TCSI (Taiwan Chemical Substance Inventory)

QUARTZ (14808-60-7)

Listed on IARC (International Agency for Research on Cancer)
Listed on the AICS (the Australian Inventory of Chemical Substances)
Listed on Inventory of Existing Chemical Substances (IECSC)
Listed on the Japanese ENCS (Existing & New Chemicals Substances) inventory.
Listed on Industrial Safety and Health Law Substances (ISHL)
Listed on the Korean ECL (Existing Chemical List) inventory.
Listed on New Zealand - Inventory of Chemicals (NZIoC)
Listed on Inventory of Chemicals and Chemical Substances (PICCS)
Listed as carcinogen on NTP (National Toxicology Program)
Listed on INSQ (Mexican National Inventory of Chemical Substances)
Listed on CICR (Turkish Inventory and Control of Chemicals)
Listed on the TCSI (Taiwan Chemical Substance Inventory)

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ETHYLBENZENE (100-41-4)

Listed on the AICS (the Australian Inventory of Chemical Substances)
Listed on Inventory of Existing Chemical Substances (IECSC)
Listed on the Japanese ENCS (Existing & New Chemicals Substances) inventory.
Listed on Industrial Safety and Health Law Substances (ISHL)
Listed on the Korean ECL (Existing Chemical List) inventory.
Listed on New Zealand - Inventory of Chemicals (NZIoC)
Listed on Inventory of Chemicals and Chemical Substances (PICCS)
Pollutant Release and Transfer Register Law (PRTR Law)
Listed on INSQ (Mexican National Inventory of Chemical Substances)
Listed on CICR (Turkish Inventory and Control of Chemicals)
Listed on the TCSI (Taiwan Chemical Substance Inventory)

SOLVENT NAPHTHA, LIGHT AROMATIC (64742-95-6)

Listed on the AICS (the Australian Inventory of Chemical Substances)
Listed on Inventory of Existing Chemical Substances (IECSC)
Listed on the Korean ECL (Existing Chemical List) inventory.
Listed on New Zealand - Inventory of Chemicals (NZIoC)
Listed on Inventory of Chemicals and Chemical Substances (PICCS)
Listed on INSQ (Mexican National Inventory of Chemical Substances)
Listed on CICR (Turkish Inventory and Control of Chemicals)
Listed on the TCSI (Taiwan Chemical Substance Inventory)

MINERAL SPIRITS (64741-65-7)

Listed on the AICS (the Australian Inventory of Chemical Substances)
Listed on Inventory of Existing Chemical Substances (IECSC)
Listed on the Korean ECL (Existing Chemical List) inventory.
Listed on New Zealand - Inventory of Chemicals (NZIoC)
Listed on Inventory of Chemicals and Chemical Substances (PICCS)
Listed on INSQ (Mexican National Inventory of Chemical Substances)
Listed on CICR (Turkish Inventory and Control of Chemicals)
Listed on the TCSI (Taiwan Chemical Substance Inventory)

NAPHTHA (PETROLEUM), HYDROTREATED HEAVY (64742-48-9)

Listed on the AICS (the Australian Inventory of Chemical Substances)
Listed on Inventory of Existing Chemical Substances (IECSC)
Listed on the Korean ECL (Existing Chemical List) inventory.
Listed on New Zealand - Inventory of Chemicals (NZIoC)
Listed on Inventory of Chemicals and Chemical Substances (PICCS)
Listed on INSQ (Mexican National Inventory of Chemical Substances)
Listed on CICR (Turkish Inventory and Control of Chemicals)
Listed on the TCSI (Taiwan Chemical Substance Inventory)

METHY N-PROPYL KETONE (107-87-9)

Listed on the AICS (the Australian Inventory of Chemical Substances)
Listed on Inventory of Existing Chemical Substances (IECSC)
Listed on the Japanese ENCS (Existing & New Chemicals Substances) inventory.
Listed on Industrial Safety and Health Law Substances (ISHL)
Listed on the Korean ECL (Existing Chemical List) inventory.
Listed on New Zealand - Inventory of Chemicals (NZIoC)
Listed on Inventory of Chemicals and Chemical Substances (PICCS)
Listed on INSQ (Mexican National Inventory of Chemical Substances)
Listed on CICR (Turkish Inventory and Control of Chemicals)
Listed on the TCSI (Taiwan Chemical Substance Inventory)

MIBK (108-10-1)

Listed on the AICS (the Australian Inventory of Chemical Substances)
Listed on Inventory of Existing Chemical Substances (IECSC)
Listed on the Japanese ENCS (Existing & New Chemicals Substances) inventory.
Listed on Industrial Safety and Health Law Substances (ISHL)
Listed on the Korean ECL (Existing Chemical List) inventory.
Listed on New Zealand - Inventory of Chemicals (NZIoC)
Listed on Inventory of Chemicals and Chemical Substances (PICCS)
Listed on INSQ (Mexican National Inventory of Chemical Substances)
Listed on CICR (Turkish Inventory and Control of Chemicals)
Listed on the TCSI (Taiwan Chemical Substance Inventory)

15.3. US State regulations



WARNING

This product can expose you to MIBK, 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.

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ETHYLBENZENE (100-41-4)					
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significance risk level (NSRL)	Maximum allowable dose level (MADL)
Yes	No	No	No	54 µg/day	

MIBK (108-10-1)					
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significance risk level (NSRL)	Maximum allowable dose level (MADL)
Yes	Yes	No	No		

METHYL ETHYL KETONE (78-93-3)					
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 U.S. - Pennsylvania - RTK (Right to Know) List					

VM&P NAPHTHA (8032-32-4)					
U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) List					

QUARTZ (14808-60-7)					
U.S. - Massachusetts - Right To Know List U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) List					

ETHYLBENZENE (100-41-4)					
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 U.S. - Pennsylvania - RTK (Right to Know) List					

METHY N-PROPYL KETONE (107-87-9)					
U.S. - Massachusetts - Right To Know List U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) List					

MIBK (108-10-1)					
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 U.S. - Pennsylvania - RTK (Right to Know) List					

SECTION 16: Other information

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Full text of H-phrases:

H224	Extremely flammable liquid and vapour
H225	Highly flammable liquid and vapour
H226	Flammable liquid and vapour
H227	Combustible liquid
H302	Harmful if swallowed
H304	May be fatal if swallowed and enters airways
H312	Harmful in contact with skin
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H319	Causes serious eye irritation
H331	Toxic if inhaled
H332	Harmful if inhaled
H335	May cause respiratory irritation
H336	May cause drowsiness or dizziness
H340	May cause genetic defects
H350	May cause cancer
H351	Suspected of causing cancer
H373	May cause damage to organs through prolonged or repeated exposure
H401	Toxic to aquatic life
H402	Harmful to aquatic life

SDS US (GHS HazCom 2012)

RODDA PAINT CO. urges each customer or recipient of this SDS to study it carefully and consult appropriate expertise, as necessary or appropriate, to understand the data contained in this SDS and any hazards associated with the product. This information is provided as a resource only and should not be taken as a warranty or representation for which RODDA PAINT CO. assumes legal responsibility. Unless otherwise specified, the data provided herein is valid only for the described material and may not be applicable for the product used in combination with any other materials or processes. The information contained within is believed to be accurate as of the effective date and compiled from sources believed to be reliable. The user assumes all responsibility of using and handling the product in accordance with applicable federal, state and local regulations.