

SAFETY DATA SHEET

1. Identification

Product identifier WASTE PAINT AND SOLVENT SOAKED RAGS

Other means of Identification

SDS number KWAR-23

Version# 01

Revision date Not Applicable

Other means of Identification

Synonyms Various coatings and thinners on waste rags

Recommended use Disposal

Recommended restrictions For Industrial use only.

NOTE: This document addresses the general hazards associated with handling waste paint related materials. Such materials can vary widely In composition from location to location and from day to day. Therefore, components listed in Section 3 may be missing from specific materials while other

components which are present are not listed on the SDS.

PLEASE REVIEW WASTE PROFILE DOCUMENTS FOR SPECIFIC COMPOSITIONAL

INFORMATION.

Manufacturer/Importer/Supplier/Distributor Information

Manufacturer

Kaiser Aluminum Warrick LLC 4000 W. State Route 66 Newburgh, IN 47629

Emergency Information CHEMTREC: +1-703-527-3887 +1-800-424-9300 (24 Hour Emergency Telephone, multiple

languages spoken); Kaiser Warrick: +1-877-335-9886 (24 Hour Emergency Telephone, only English

spoken)

Website For a current Safety Data Sheet, refer to For a current Safety Data Sheet, refer to Kaiser Aluminum

website: https://www.kaiseraluminum.com/customer-portal/safety-data-sheets/

2. Hazard(s) identification

Classification

This product is considered hazardous under 29 CFR 1910.1200 (Hazard Communication).

Potential health effects

The following statements summarize the health effects generally expected In cases of overexposures. User specific situations should be assessed by a qualified individual. Additional health Information can be found in Section 11.

Physical hazardsFlammable solidsCategory 2Health hazardsAcute toxicity, dermalCategory 4

Acute toxicity, inhalation

Category 4

Skin corrosion irritation

Category 2

Serious eye damage/eye irritation

Category 28

Sensitization, skin

Category 1A

Carcinogenicity

Category 2

Reproductive toxicity

Category 2

Specific target organ toxicity, single exposure Category 3 narcotic effects

Specific target organ toxicity, repeated Category 2

exposure

Environmental hazards
OSHA defined hazards

Hazardous to the ozone layer Not classified.

Not applicable

Label elements



Signal word

Warning

Hazard statement

Flammable solid. Harmful in contact with skin. Harmful if inhaled. Causes skin irritation. Causes eye Irritation. May cause an allergic skin reaction. Suspected of causing cancer. Suspected of damaging fertility or the unborn child. May cause drowsiness or dizziness. May cause respiratory irritation. May cause damage to organs through prolonged or repeated exposure.

Precautionary statement

Prevention

Keep away from heat/sparks/openflames/hot surfaces. No smoking. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe vapors. Use only outdoors or in a well-ventilated area. Wear protective gloves. Wash thoroughly after handling. Contaminated work clothing must not be allowed out of the workplace.

Response

In case of fire: Use appropriate media for extinction. If exposed or concerned: Get medical advice/attention. IF INEYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. IF ON SKIN: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

Storage

Store in a well-ventilated place. Keep container tightly closed. Keep cool.

Disposal

Dispose of contents/container in accordance with local/regional/national/international regulations. Store in a well-ventilated place. Keep container tightly closed. Keep cool.

Hazard(s) not otherwise classified (HNOC)
Supplemental Information

In case of fire, use carbon dioxide/foam/alcohol resistant foam/chemical powder for extinction.

Solvent vapors may form explosive air/vapor mixtures at room temperature. Vapors are heavier than air and may travel considerable distances along the ground to a source of ignition. Closed containers may burst or explode when exposed to extreme heat. Material and rags contaminated with solvents can be combustible and can spontaneously ignite.

3. Composition/information on ingredients

Composition comments

Complete composition is provided below and may include some components classified as non-hazardous.

Mixtures

Chemical name	Common name and synonyms	CAS Number	%
Major components		NA	>60
Xylene (mixed isomers)		1330-20-7	
Toluene		108-88-3	
Paint resins *		Not available	
Methyl ethyl ketone		78-93-3	
Hexane		110-54-3	
1,2,4-Trimethyl benzene		95-63fl	
Minor components			<40
Methyl alcohol		67-56-1	
Methylene bisphenol isocyanate (MDI)		101-68-8	
Ethylbenzene		100-41-4	
Isophorone		78-59-1	
2-Butoxyethanol		111-76-2	

Materialname: WASTE PAINTAND SOLVENT SOAKED RAGS KWAR-23 Version #: 01

Chemical name	Common name and synonyms	CAS number	%
Ethyl alcohol		64-17-5	
Methylisobulyl ketone		108-10-1	
Mineral Spirits		8032-32-4	
Naphthalene		91-20-3	<5
Formaldehyde		50-00-0	<1
D/acetone Alcohol		123-42-2	
Cyclohexanone		108-94-1	

Additional Information

* - Includes epoxy, vinyl, acrylic and polyester.

Exact composition will vary. Unless additional information Is available, processor should assume that all potential ingredients are present.

4. First-aid measures

Eye contact Skin contact

Rinse eyes with plenty of water or saline for at least $15\,$ minutes. Consult a physician immediately.

Remove contaminated clothing. Wash with soap and water for at least 15 minutes. Get medical attention if irritation develops or persists.

Inhalation Remove to fresh air. Check for clear airway. Is

Remove to fresh air. Check for clear airway, breathing, and presence of pulse. If breathing is difficult, provide oxygen. Loosen any tight clothing on neck or chest. Provide cardiopulmonary resuscitation for persons without pulse or respirations. Call a physician immediately.

Ingestion If swallowed, dilute by drinking water. Recommend quantities up to 30 ml (-1 oz.) in children and 250 ml (-9 oz.) in adults. Never give anything by mouth to a victim who is unconscious or is

having convulsions. Do NOT Induce vomiting. Get medical attention immediately.

Most Important

symptoms/effects, acute and delayed

Direct contact: Can cause irritation of the eyes and skin. Can be absorbed through the skin. Vapors: Can cause irritation of the respiratory tract. Acute overexposure: Can cause central nervous system effects and abnormal heart rhythms.

See Section 11 of the SDS for additional information on health

Medical conditions aggravated by exposure

hazards. Asthma, chronic lung disease, and skin rashes.

Indication of Immediate medical attention and special treatment needed

Provide general supportive measures and treat symptomatically.

General Information

Ensure that medical personnel are aware of the material(s) involved, and lake precautions to protect themselves.

5. Fire-fighting measures

Suitable extinguishing media

Unsuitable extinguishing media

Use Class B extinguishing agents [Carbon dioxide, Dry chemical (ABC or BC), Foam]. Heavy streams of water, when directed into burning liquid, will cause frothing and spread of burning material. Water spray may be Ineffective and may spread flames.

Specific hazards arising from the chemical

Solvent vapors may form explosive air/vapor mixtures at room temperature. Vapors are heavier than air and may travel considerable distances along the ground to a source of ignition. Closed containers may burst or explode when exposed to extreme heat. Material and rags contaminated with solvents can be combustible and can spontaneously ignite.

Special protective equipment and precautions for firefighters

Firefighters should wear NIOSH approved, positive pressure, self-contained breathing apparatus and full protective clothing when appropriate.

Fire fighting equipment/instructions

Use water spray to minimize vapors. Use water spray to cool exposed containers. Move undamaged containers away from heat or flame, if possible. Water spray may be used to flush spills away from ignition sources.

General fire hazards Flammable.

Explosion data

Not sensitive.

Sensitivity to mechanical Impact

Sensitivity to static

not sensitive

discharge

Prevent electrostatic charge build-up by using common bonding and grounding techniques.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Avoid contact with skin and eyes. Use adequate ventilation to reduce vapor concentrations. Use personal protection recommended in Section 8 of the SDS.

Material name: WASTE PAINT AND SOLVENT SOAKED RAGS KWAR-23 Version #: 01

Personal precautions, protective equipment and emergency procedures

For emergency responders Avoid contact with skin and eyes. Use adequate ventilation to reduce vapor concentrations. Use

personal protection recommended in Section 8 of the SDS.

Evacuation procedures

Methods and materials for containment and cleaning up

Use adequate ventilation to reduce vapor concentrations. Avoid all Ignition sources. Collect in closed metal containers. Absorb remainder with absorbent material. Spill may be reportable to the

National Response Center.

None necessary.

7. Handling and storage

Handling Avoid contact with skin and eyes. Use with adequate explosion-proof ventilation to reduce vapor

concentrations. Keep away from sources of Ignition - No smoking.

Prevent electrostatic charge build-up by using common bonding and grounding techniques. Use

non-sparking tools and explosion-proof equipment.

Empty containers may contain residual product. Do not cut or weld on containers. Use personal

protection recommended in Section 8 of the SOS.

Storage Storage Store away from heat, sparks, flames, oxidizers, and other incompatible substances.

Contaminated rags should be stored in a self-extinguishing or other type of metal waste container to protect against fires from spontaneous combustion. Store in a cool and well-ventilated place.

8. Exposure controls/personal protection

Occupational exposure limits

	-OSHA	
 	-U.S.DA	

Components	Туре	Value	Form
Toluene (CAS 108-88-3)	STEL	500 ppm	10 minute peak per 8 hour shift
US. OSHA Specifically Regulated			
Components	Type	Value	
Formaldehyde (CAS 50-00-0)	STEL	2ppm	
	TWA	0.75ppm	
US. OSHA Table Z-1 Limits for A	•	0.1000)	
Components	Type	Value	
2-Butoxyethanol (CAS 111-76-2)	TWA	240 mg/m3	
,		50ppm	
Cyclohexanone (CAS 108-94-1)	PEL	200 mg/m3	
,		50ppm	
Dlacetone Alcohol (CAS 123-42-2)	PEL	240 mg/m3	
·		50ppm	
Ethyl alcohol (CAS 64-17-5)	PEL	1900mg/m3	
		1000 ppm	
Ethylbenzene (CAS 100-41-4)	TWA	435 mg/m3	
		100 ppm	
Hexane (GAS 110-54-3)	PEL	1800 mg/m3	
		500 ppm	
Isophorone (CAS 78-59-1)	TWA	140 mg/m3	
		25ppm	
Methyl alcohol (CAS 67-56-1)	PEL	260 mg/m3	
		200 ppm	
Methyl ethyl ketone (CAS 78-93-3)	PEL	590 mg/m3	
		200 ppm	
Methylene bisphenol isocyanate (MDI) (CAS 101-68-8)	Ceiling	0.2mg/m3	

US. OSHA Table Z-1 Limits for Air Components	•	0.1000) Value	
Components	Туре		
Methylisobutyl ketone (CAS	T\A/A	0.02 ppm	
108-10-1)	TWA	410 mg/m3	
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		100 ppm	
Naphthalene (CAS 91-20-3)	PEL	50 mg/m3	
		10ppm	
Xylene (mixed isomers)	TWA	435 mg/m3	
(CAS 1330-20-7)		100 ppm	
US. OSHA Table Z-2 (29 CFR 1910.1	1000)	тоо ррш	
Components	[^] Type	Value	
Toluene (CAS 108-88-3)	Ceiling	300 ppm	
(0.12 .00 0)	TWA	200 ppm	
ACGIH			
Components	Туре	Value	
Ethylbenzene (CAS	STEL	125 ppm	
100-41-4)	Calling LimitValue maybe 2.5		
US ACGIH Threshold Limit Values: Components	Type	value	
<u> </u>			
Formaldehyde (CAS 50-00-0)	Ceiling	0.3 ppm	
Isophorone (CAS 78-59-1)	Ceiling	5 ppm	
US ACGIH Threshold Limit Values:	Short Term Exposure Limit (S	STEL): mg/m3 & ppm	
Components	Туре	Value	
Cyclohexanone (CAS 108-94-1)	STEL	50 ppm	
Ethyl alcohol (CAS 64-17-5)	STEL	1000 ppm	
Methyl alcohol (CAS	STEL	250 ppm	
67-56-1)			
Methyl ethyl ketone (CAS 78-93-3)	STEL	300 ppm	
Methylisobutyl ketone (CAS	STEL	75 ppm	
108-10-1)			
Xylene (mixed isomers) (CAS 1330-20-7)	STEL	150 ppm	
US ACGIH Threshold Limit Values:	Time Weighted Average (TW/	A): mg/m3 & ppm	
Components	Туре	Value	
1,2,4-Trimethyl benzene (CAS 95-63-6)	TWA	25 ppm	
2-Butoxyethanol (CAS	TWA	20 ppm	
111-76-2) Cyclohexanone (CAS	TWA		
108-94-1)	IVVA	20ppm	
Diacetone Alcohol (CAS 123-42-2)	TWA	50ppm	
Ethylbenzene (CAS 100-41-4)	TWA	20ppm	
Hexane (CAS 110-54-3)	TWA	50ppm	
Methyl alcohol (CAS	TWA	200 ppm	
67-56-1)		• •	
Methyl ethyl ketone (CAS 78-93-3)	TWA	200 ppm	
Methylene bisphenol	TWA	0.005 ppm	
isocyanate (MDI) (CAS 101-68-8)			

US ACGIH Threshold Limit Values:	Time Weighted Average	e (TWA): mg/m3 & ppm
Components	Type	Value

Components	Туре	Value		
Methylisobutyl ketone (CAS 108-10-1)	TWA	20 ppm		
Naphthalene (CAS 91-20-3)	TWA	10ppm		
Toluene (CAS 108-88-3)	TWA	20ppm		
Xylene (mixed isomers) (CAS 1330-20-7)	TWA	100 ppm		
Components	Туре	Value	Form	
2-Butoxyethanol (CAS 111-76-2)	TWA	5ppm	Skin	

Exposure guidelines

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

US - Tennessee OELs: Skin designation

2-Butoxyethanol (CAS 111-76-2)

Can be absorbed through the skin.

Cyclohexanone (CAS 108-94-1)

Methyl alcohol (CAS 67-56-1)

Can be absorbed through the skin.

Can be absorbed through the skin.

US ACGIH Threshold Limit Values: Skin designation

Cyclohexanone (CAS 108-94-1)

Hexane (CAS 110-54-3)

Methyl alcohol (CAS 67-56-1)

Naphthalene (CAS 91-20-3)

Can be absorbed through the skin.

Can be absorbed through the skin.

Can be absorbed through the skin.

US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants

2-BUTOXYETHANOL (EGBE) (CAS 111-76-2)

CYCLOHEXANONE (CAS 108-94-1)

METHYL ALCOHOL; METHANOL (CAS 67-56-1)

NAPHTHALENE (CAS 91-20-3)

N-HEXANE (CAS 110-54-3)

TOLUENE; TOLUOL (CAS 108-88-3)

Can be absorbed through the skin.

US. Minnesota Hazardous Substances List (Minn. Rules 5206.0400).

2-Butoxyethanol (CAS 111-76-2)

Cyclohexanone (CAS 108-94-1)

Methyl alcohol (CAS 67-56-1)

Toluene (CAS 108-88-3)

Skin designation applies.

Skin designation applies.

Skin designation applies.

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

2-Butoxyethanol (CAS 111-76-2)

Can be absorbed through the skin.

General The need for personal protective equipment should be based upon a hazard assessment and

recommendations from health/ safety professionals.

Appropriate engineering

controls

Use with adequate explosion-proof ventilation lo meet the limits listed in Section 8. Electrical

equipment should meet NFPNNEC requirements where material is processed.

Individual protection measures, such as personal protective equipment

Eye/face protection Wear safety glasses with side shields (or goggles).

Skin protection

Hand protection Wear impervious gloves to avoid direct skin contact. Suitable materials: Neoprene or Nitrile.

The most suitable glove must be chosen In consultation with the gloves supplier, who can inform

about the breakthrough lime of the glove material.

Other Wear suitable protective clothing.

qualified professional if concentrations exceed the limits listed in Section 8. Suggested respiratory

protection: Organic vapor cartridge.

Thermal hazards None known.

General hygiene considerations

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks

and immediately after handling the product. When using, do not eat, drink or smoke.

Control parameters Follow standard monitoring procedures.

Environmental exposure

controls

No special environmental precautions required.

Material name: WASTE PAINT AND SOLVENT SOAKED RAGS

9. Physical and chemical properties

Form Solid. Cloth or rags.

Color Various colors.

Odor Solvent.

Odor threshold Not determined
pH Not applicable
Density Not determined
Melting point/freezing point Not applicable
Initial boiling point and boiling
Not applicable

range

Flash point Not determined
Evaporation rate Not determined
Flammability (solid, gas) Not applicable.
Upper/lower flammability or explosive limits

Flammability limit - upper

Not determined

(%)

Flammability limit - lower

Not determined

(%)

Explosive properties

Vapor pressure

Vapor density

Relative density

SolubIlIty(les)

Partition coefficient

Not available.

Not determined

Not determined

Not determined

(n-octanol/water)

Auto-ignition temperature Not determined Decomposition temperature Not available.

Viscosity Not available.

10.Stability and reactivity

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

Chemical stability Stable under normal conditions of use, storage, and transportation. However, solvent or oil

contaminated rags can undergo spontaneous combustion if stored or managed improperly.

Possibility of hazardous

reactions

Hazardous polymerization does not occur.

Conditions to avoid None known.

Incompatible materials Heat and strong oxidizers (nitrates, perchlorates or sulfuric acid).

Hazardous decomposition

products

Carbon monoxide, carbon dioxide, hydrogen chloride, hydrogen cyanide, aldehydes and partially

oxidized hydrocarbons.

11. Toxicological Information

Health effects associated with ingredients

Toluene: Can cause Irritation of eyes, skin and upper respiratory tract. Skin contact: Can be absorbed through the skin. Acute overexposures: Can cause drowsiness (narcosis), respiratory arrest, abnormal heart rhythms (arrhythmia), coma and death. Chronic overexposures: Can cause liver damage, kidney damage, central nervous system damage, damage to the heart muscle (cardiomyopathy) and reproductive harm.

Xylene: Can cause irritation of eyes, mucous membranes, skin and respiratory tract. Skin contact: Can be absorbed through the skin. Acute overexposures: Can cause central nervous system effects (nausea, dizziness, loss of coordination and loss of consciousness), coma and death. Can pass through the placenta. Chronic overexposures: Can cause reversible damage to the eyes, memory loss, abnormal heart rhythms (arrhythmia), liver damage, kidney damage, fetal toxicity and reproductive harm.

Methyl ethyl ketone (MEK, 2-Butanone): Can cause irritation and corneal damage of eyes. Can cause irritation of mucous membranes, skin, and upper respiratory tract. Skin contact: Can be absorbed through the skin in toxic amounts. Acute overexposures: Can cause headache, central nervous system effects (nausea, dizziness, and loss of consciousness) and asphyxiation. Additional information: Studies with experimental animals have found embryo toxicity and fetal toxicity.

Ethanol (Ethyl alcohol): Can cause Irritation of eyes and mucous membranes. Acute overexposures: Can cause central nervous system effects (nausea, dizziness and loss of coordination). Chronic overexposures: Can cause liver damage, kidney damage and reproductive harm.

Methyl isobutyl ketone (4-Methyl pentan-2-one, MiBK): Can cause irritation of eyes, skin and respiratory tract. Acute overexposures: Can cause loss of appetite and central nervous system effects (nausea, dizziness and loss of coordination). Chronic overexposures: Can cause liver damage, kidney damage (renal tube damage), fetal toxicity and weakness in the extremities (peripheral neuropathy).

Isophorone (3,5,5-trimethylcyclohex-2-enone): Can cause severe irritation and burns of eyes. Can cause Irritation of mucous membranes, skin and respiratory tract. Acute overexposures: Can cause central nervous system effects (nausea, dizziness and loss of coordination). Additional information: Studies with experimental animals by inhalation have found kidney damage.

2-Butoxyethanol (Butyl cellosolve, EGMBE): Can cause irritation of the eyes, skin and respiratory tract. Skin contact: Can be absorbed through the skin in toxic amounts. Acute and chronic overexposures: Can cause central nervous system effects (nausea, dizziness and loss of consciousness), the accumulation of fluid in the lungs (pulmonary edema), blood cell damage, kidney damage and liver damage.

Ethyl benzene: Can cause irritation of eyes, skin and respiratory tract. Acute overexposures: Can cause central nervous system effects (nausea, dizziness, and loss of coordination) Chronic overexposures: Can cause central nervous system damage, liver damage, kidney damage and reproductive harm. IARC/NTP: Listed as possibly carcinogenic to humans by IARC (Group 2B). Additional information: Studies (inhalation) with experimental animals have found kidney cancer, liver cancer, lung cancer and testicular cancer.

n-Hexane: Can cause irritation of eyes, mucous membranes and skin. Skin contact: Can be absorbed through the skin. Acute overexposures: Can cause central nervous system effects (nausea, dizziness and loss of coordination). Chronic overexposures: Can cause weakness in the extremities (peripheral neuropathy), peripheral nerve damage, loss of muscular control and paralysis.

Methanol (Methyl alcohol): Can cause irritation of eyes, skin and upper respiratory tract. Skin contact: Can be absorbed through the skin in toxic amounts. Acute overexposures: Can cause central nervous system affects (nausea, drowsiness and loss of coordination), nerve damage, liver damage, kidney damage, damage to the heart muscle (cardiomyopathy), permanent blindness and death. Effects can be delayed up to 18-24 hours. A single overexposure can cause permanent blindness and nerve damage.

Methylene bisphenyl isocyanate (MDI): Can cause irritation of eyes, skin and respiratory tract. Skin contact: can cause sensitization and allergic contact dermatitis. Chronic overexposures: Can cause respiratory sensitization and asthma. Additional information: In sensitized populations, very low concentrations of isocyanates can cause asthma-like reactions.

Trimethyl benzene: Can cause irritation of eyes, skin and respiratory tract. Acute overexposures: Can cause bronchitis, central nervous system effects (nausea, dizziness, loss of coordination and loss of consciousness) and death. Chronic overexposures: Can cause asthma-like bronchitis, blood cell damage and blood disorders. Additional information: Can pass through the placenta

Naphthalene: Can cause Irritation and corneal damage to eyes. Can cause irritation of skin. Skin contact: Can cause sensitization. Can be absorbed through the skin in toxic amounts. Acute overexposures: Can cause central nervous system effects (nausea, dizziness and loss of coordination) and reduced ability of the blood to carry oxygen (methemaglobin). Chronic overexposures: Can cause liver damage and blood disorders. IARC/NTP: Listed as "reasonably anticipated to be a human carcinogen" by the NTP. Listed as possibly carcinogenic to humans by IARC (Group 28).

Formaldehyde: Can cause irritation of eyes, mucous membranes, skin and respiratory tract. Skin contact (prolonged or repeated): Can cause sensitization and allergic contact dermatitis. Chronic overexposures: Can cause nasal tumors and throat tumors. IARC/NTP: Listed as "reasonably anticipated to be a human carcinogen" by the NTP. Listed as probably carcinogenic to humans by IARC (Group 2A).

Solvents: Can cause Irritation of eyes, mucous membranes, skin and respiratory tract. Skin contact (prolonged or repeated): Can cause defatting of the skin and dermatitis. Acute overexposures: Can cause headache, drowsiness (narcosis), liver damage, kidney damage and central nervous system effects (nausea, dizziness, loss of coordination, and loss of consciousness). Chronic overexposures: Can cause loss of coordination, reduction in reaction times and central nervous system damage.

Health effects associated with compounds formed during processing

No new/additional compounds are expected to be formed during processing.

Information on likely routes of exposure

Eye contact Direct contact: Can cause Irritation.

2-Butoxyethanol 100 mg/day

Result: Positive Species: Rabbit Organ: Eye

Test Duration: 24 Hours Severity: Moderate

Skin contact Direct contact: Can cause irritation. Prolonged or repeated skin contact may cause dermatitis and

sensitization. Can be absorbed through the skin.

Inhalation Vapors: Can cause irritation of the respiratory tract. Acute overexposure: Can cause central

nervous system effects (nausea, dizziness and loss of coordination) and abnormal heart rhythms (arrhythmia). Chronic overexposures: Can cause sensitization, liver damage, kidney damage, central nervous system damage, damage to the heart muscle (cardiomyopathy), fetal toxicity and

reproductive harm.

Ingestion Can cause Irritation and central nervous system effects (nausea, dizziness and loss of

coordination).

Symptoms related to the physical, chemical and toxicological characteristics

Direct contact: Can cause irritation of the eyes and skin. Can be absorbed through the skin. Vapors: Can cause irritation of the upper respiratory tract. Acute overexposure: Can cause central

nervous system effects and abnormal heart rhythms.

Information on toxicological effects

Components	Species	Test Results
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1,2,4-Trimethyl benzene (CAS 95-63-6)

Acute

Dermal

LD50 Rabbit > 3160 mg/kg

Inhalation

LC50 Rat > 2000 ppm, 48 Hours

Components	Species	Test Results
Oral		
LD50	Rat	6 /g/kg
2-Butoxyethanol (CAS 111-76	i-2)	
<u>Acute</u>		
Dermal	D 11.7	400 "
LD50	Rabbit	400 mg/kg
	Rat	2270 mg/kg, 4 Hours
Inhalation		700 7.11
LC50	Mouse	700 ppm, 7 Hours
	Rat	2 - 20 mg/l, 4 Hours
		450 ppm, 4 Hours
Oral	Mayes	4.0
LD50	Mouse	1.2 g/kg
	Rat	6600 mg/kg
		560 mg/kg
Diacetone Alcohol (CAS 123-42	2-2)	
<u>Acute</u> Dermal		
LD50	Rabbit	11 E million
	Nappit	14.5 ml/kg
Oral LD50	Rat	4 g/kg
Ethyl alcohol (CAS 64-17-5)	Nat	+ g/kg
Acute		
Inhalation		
LC50	Mouse	39 mg/l, 4 Hours
	Rat	20000 ppm, 10 Hours
Oral		, , , , , , , , , , , , , , , , , , ,
LD50	Dog	5.5 g/kg
	Guinea pig	5.6 g/kg
	Mouse	3450 mg/kg
	Rat	6.2 g/kg
Ethylbenzene (CAS 100-41-4)		3. 3
Acute		
Dermal		
LD50	Rabbit	17800 mg/kg
Oral		
LD50	Rat	3500 mg/kg
Formaldehyde (CAS 50-00-0)		
<u>Acute</u>		
Inhalation		
LC50	Mouse	0.414 mg/l, 4 Hours
		0.4 mg/l, 2 Hours
	Rat	0.82 mg/l, 0.5 Hours
		0.48 mg/l, 4 Hours
Oral		
LD50	Guinea pig	260 mg/kg
	Mouse	42 mg/kg
	Rat	100 mg/kg

Components	Species	Test Results
Hexane (CAS 110-54-3)		
<u>Acute</u>		
Inhalation		
LC50	Mouse	48000 ppm, 4 Hours
Oral		
LD50	Rat	28710 mg/kg
Isophorone (CAS 78-59-1)		
<u>Acute</u>		
Dermal LD50	Rabbit	1500 malka
	Nabbit	1500 mg/kg
Inhalation LC50	Rat	7 mg/l, 4 Hours
Oral	rat	7 High, 4 Hours
LD50	Mouse	2 g/kg
2000	Rat	2 9/kg 1000 mg/kg
Methyl alcohol (CAS 67-56-		1000 mg/kg
Acute	-1)	
<u>Dermal</u>		
LD50	Rabbit	15800 mg/kg
Inhalation		3 3
LC50	Cat	85.41 mg/l, 4.5 Hours
	Rat	64000 ppm, 4 Hours
		87.5 mg/l, 6 Hours
Oral		0.10 mg/1, 0.10 mg
LD50	Mouse	7300 mg/kg
	Rat	5628 mg/kg
Other		5525 mg/ng
LD50	Mouse	4100 mg/kg
	Rabbit	1826 mg/kg
	Rat	2131 mg/kg
Methyl ethyl ketone (CAS 78		
Acute		
Dermal		
LD50	Rabbit	>8000 mg/kg
Inhalation		
LC50	Mouse	11000 ppm, 45 Minutes
	Rat	11700 ppm, 4 Hours
Oral		
LD50	Mouse	670 mg/kg
	Rat	2300 • 3500 mg/kg
Methylene bisphenol Isocya	nate (MDI) (CAS 101-68-8)	
<u>Acute</u>	•	
Inhalation		
LC50	Rat	0.369 mg/l, 4 Hours
Methylisobutyl ketone (CAS	108-10-1)	
<u>Acute</u>		
Dermal		
LD50	Rabbit	> 16000 mg/kg

Components	Species	Test Results
Inhalation		
LC50	Rat	8.2 mg/l, 4 Hours
Oral		
LD50	Rat	2080 mg/kg
Mineral Spirits (CAS 8032-32-4)		
<u>Acute</u> Inhalation		
LC50	Rat	3400 mg/l, 4 Hours
Naphthalene (CAS 91-20-3)		
<u>Acute</u>		
Dermal		
LD50	Rabbit	> 2 g/kg
	Rat	> 20 g/kg
Oral		
LD50	Guinea pig	1200 mg/kg
	Rat	490 mg/kg
Toluene (CAS 108-88-3)		
<u>Acute</u>		
Dermal		
LD50	Rabbit	12124 mg/kg
		14.1 ml/kg
Inhalation		
LC50	Mouse	5320 ppm, 8 Hours
		400 ppm, 24 Hours
	Rat	26700 ppm, 1 Hours
		12200 ppm, 2 Hours
		8000 ppm, 4 Hours
Oral		осоо рр, т. тош.о
LD50	Rat	2.6 g/kg
Xylene (mixed isomers) (CAS 13	330-20-7)	3 3
Acute	,	
 Dermal		
LD50	· Rabbit	> 43 g/kg
Inhalation		
LC50	Mouse	3907 mg/l, 6 Hours
	Rat	6350 mg/l, 4 Hours
Oral		•
LD50	Mouse	1590 mg/kg
	Rat	3523 - 8600 mg/kg
Acute toxicity	Harmful if inhaled. Harmfu	
Skin corrosion/irritation	Causes eye irritation.	
Serious eye damage/eye	Causes eye irritation.	
Eye Contact 2-Butoxyethanol		100 mg/day Result: Positive Species: Rabbit Organ: Eye Test Duration: 24 Hours Severity: Moderate

Respiratory or skin sensitization

ACGIH Sensitization

Formaldehyde (GAS 50-00-0)

Dermal sensitizationRespiratory sensitization

Respiratory sensitization Based on available data, the classification criteria are not met.

Skin sensitization May cause an allergic skin reaction.

Germ cell mutagenicityBased on available data, the classification criteria are not met.

Pre-existing conditions aggravated by exposure

Asthma, chronic lung disease, and skin rashes.

Carcinogenicity May cause cancer.

IARC Monographs. Overall Evaluation of Carcinogenicity

2-Butoxyethanol (GAS 111-76-2) Cyclohexanone (GAS 108-94-1) Ethylbenzene (GAS 100-41-4)

Formaldehyde (GAS 50-00-0) Methylene bisphenol isocyanate (MDI) (GAS 101-68-8)

Methylisobutyl ketone (GAS 108-10-1)

Naphthalene (GAS 91-20-3)

Toluene (GAS 108-88-3)

Xylene (mixed isomers) (GAS 1330-20-7)

3 Not classifiable as lo carcinogenicity to humans. 2B Possibly carcinogenic to humans.

3 Not classifiable as to carcinogenicity to humans.

3 Not classifiable as lo carcinogenicity to humans.

2B Possibly carcinogenic to humans.

2B Possibly carcinogenic tohumans.

1 Carcinogenic lo humans.

3 Not classifiable as to carcinogenicity to humans. 3 Not classifiable as lo carcinogenicity to humans.

US OSHA Hazard Categories (10)

Not regulated.

US OSHA Hazard Categories (9)

Not regulated.

US. National Toxicology Program (NTP) Report on Carcinogens

Formaldehyde (GAS 50-00-0) Known to be Human Carcinogen.

Naphthalene (GAS 91-20-3) Reasonably Anticipated to be a Human Carcinogen.

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

Formaldehyde (GAS 50-00-0) Cancer

Reproductive toxicity Suspected of damaging fertility or the unborn child.

Specific target organ toxicity•

single exposure

May cause respiratory irritation. May cause drowsiness or dizziness.

Specific target organ toxicity -

repeated exposure

May cause damage lo organs through prolonged or repealed exposure.

Aspiration hazard Based on available data, the classification criteria are not met.

12. Ecological information

Ecotoxicity

Components		Species	Test Results
1,2,4-Trimelhyl benzer	ne (GAS 95-63-6)		
Aquatic			
Fish	LC50	Fathead minnow (Pimephales promela	s) 7.19 -8.28 mg/l, 96 hours
2-Butoxyethanol (GAS	S 111-76-2)		
Aquatic			
Crustacea	EC50	Daphnla magna	1000 mg/l, 48 hours
Fish	LC50	Inland silverside (Menidia beryllina)	1250 mg/l, 96 hours
			1250 mg/l, 96 hours Marine water
Cyclohexanone (GAS	108-94-1)		
Aquatic			
Fish	LC50	Fathead minnow (Plmephales promela	s) 481 - 578 mg/l, 96 hours
Diacetone Alcohol (GA	AS 123-42-2)		
Aquatic			
Fish	LC50	Bluegill (Lepomis macrochirus)	420 mg/l, 96 hours

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Components		Species	Test Results
Ethyl alcohol (CAS 64-17-5)			
Aquatic			
Crustacea	EC50	Water flea (Daphnia magna)	7.7 -11.2 mg/l, 48 hours
Fish	LC50	Fathead minnow (Pimephales promelas)	> 100 mg/l, 96 hours
Ethylbenzene (CAS 100-41-4	1)		
Aquatic			
Crustacea	EC50	Water flea (Daphnia magna)	1.37 - 4.4 mg/l, 48 hours
Fish	LC50	Fathead minnow (Pimephales promelas)	7.5 - 11 mg/l, 96 hours
Formaldehyde (CAS 50-00-0)		
Aquatic			
Crustacea	EC50	Water flea (Daphnia pulex)	4.3 - 7.8 mg/l, 48 hours
Fish	LC50	Striped bass (Marone saxatills)	10.302 - 16.743 mg/l, 96 hours
Hexane (CAS 110-54-3)			
Aquatic			
Fish	LC50	Fathead minnow (Pimephales promelas)	2.101 - 2.981 mg/l, 96 hours
Isophorone (CAS 78-59-1) Aquatic			
Fish	LC50	Fathead minnow (Pimephales promelas)	132 - 159 mg/l, 96 hours
Methyl alcohol (CAS 67-56-1)		
Aquatic			
Crustacea	EC50	Waterflea (Daphnia magna)	> 10000 mg/l, 48 hours
Fish	LC50	Fathead minnow (Pimephales promelas)	> 100 mg/l, 96 hours
Methyl ethyl ketone (CAS 78	-93-3)		
Aquatic			
Crustacea	EC50	Water flea (Daphnla magna)	4025 - 6440 mg/l, 48 hours
Fish	LC50	Sheepshead minnow (Cyprinodon variegatus)	> 400 mg/l, 96 hours
Methylisobutyl ketone (CAS Aquatic	108-10-1)		
Fish	LC50	Fathead minnow (Pimephales promelas)	102 503 mg/L 06 hours
	LC30	ratilead fillillow (Pilliephales profficias)	492 - 593 Mg/I, 96 Mours
Naphthalene (CAS 91-20-3) Aquatic			
Crustacea	EC50	Water flea (Daphnia magna)	1.09 - 3.4 mg/l, 48 hours
Fish	LC50	Pink salmon (Oncorhynchus gorbuscha)	1.11 - 1.68 mg/l, 96 hours
Toluene (CAS 108-88-3)	LO30	Filik Saillon (Oncomynchus gorbuscha)	1.11 - 1.00 mg/i, 90 nours
Aquatic			
Crustacea	EC50	Water flea (Daphnia magna)	5.46 - 9.83 mg/l, 48 hours
Fish	LC50	Coho salmon.silver salmon	8.11 mg/l, 96 hours
1 1311	2000	(Oncorhynchus kisutch)	o. i i mg/i, ao nouis
Xylene (mixed isomers) (CAS	3 1330-20-7)	, , , , , , , , , , , , , , , , , , ,	
Fish	LC50	Bluegill (Lepomis macrochirus)	7.711 - 9.591 mg/l, 96 hours
sistence and degradability		railable on the degradability of this product.	
accumulative potential		allable on bioaccumulation.	
Partition coefficient n-oct	anol / water (lo		
2-Butoxyethanol		0.83	
Cyclohexanone		0.81	

Partition coefficient n-octanol / water (log Kow)

-0.31
3.15
0.35
3.9
1.7
-0.77
0.29
1.31
3.3
2.73
3.12-3.2

Mobility in soil No data available.

Other adverse effects None known.

13. Disposal considerations

Disposal instructions Reuse or recycle material whenever possible. Have soiled rags cleaned for reuse. If reuse or

recycling is not possible, disposal must be made according to local or governmental regulations.

Waste codes RCRA Status: Must be determined at the point of waste generation. If material is disposed as a

waste, it must be characterized under RCRA according to 40 CFR, Part 261, or state equivalent in

the U.S.

Possible RCRA waste codes: D035, F003 or FOOS

Wastefrom residues/unused

products

If reuse or recycling is not possible, disposal must be made according to local or governmental $\,$

regulations.

Contaminated packaging Dispose of in accordance with local regulations.

14. Transport information

General Shipping Information Basic Shipping Information

ID number UN3175

Proper shipping name Solids containing flammable liquid, n.o.s. (name)

Hazard class 4.1 Packing group

General Shipping Notes

• In the open parenthesis, "(name)", for technical names In the shipping name, insert the two flammable chemicals from the Section 3 components that occur most frequently for this shipment.

DOT Specific Notes

- Precede proper shipping name with the word "Waste" when required to be shipped using a U.S. EPA hazardous waste manifest
- Delete "RQ" reference when containing less than less than the reportable quantity of chemicals in Section 3 per packaging.
- 49 CFR 172.101 authorizes steel drums tested for solids per Part 173.212, and exception 173.12(c) allows the reuse (used drums) for waste without having to meet reconditioning rules at 173.28(b). However, Special Provision (SP) 47 requires leakproofness testing of the package (drums). Therefore, ship these "solids" in drums marked for liquids as per Part 173.24a(b)(3) following the rules for converting the specific gravity capacity ratings for liquids to gross weight capacity values for solids. (drums manufactured for solids are not tested for leakproofness).

IMDG Notes

• While exceptions may apply (e.g.; does not meet IMDG (International Maritime Dangerous Goods) marine pollutant criteria, domestic transport in some countries], if transported internationally by water, unless this material is already listed as a IMDG marine pollutant, a marine pollutant classification determination must be made in accordance with IMDG 2.9.3.3 or 2.9.3.4, as appropriate and prior to transport.

Disclaimer

This section provides basic classification information and, where relevant, information with respect to specific modal regulations, environmental hazards and special precautions, otherwise, it is presumed that the information is not available/not relevant

15. Regulatory information

US federal regulations

In reference to Title VI of the Clean Air Act of 1990, this material does not contain nor was It manufactured using ozone-depleting chemicals.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

TSCA Chemical Action Plans, Chemicals of Concern

Methylene bisphenol isocyanate (MDI) (GAS 101-68-8) Methylene

Methylene Diphenyl Diisocyanate (MDI) And Related Compounds Action Plan [RIN 2070-ZA15]

CERCLA Hazardous Substance List (40 CFR 302.4)

2-Butoxyethanol (CAS 111-76-2)	Listed.
Cyclohexanone (CAS 108-94-1)	Listed.
Ethyl alcohol (CAS 64-17-5)	Listed.
Ethylbenzene (CAS 100-41-4)	Listed.
Formaldehyde (CAS 50-00-0)	Listed.
Hexane (CAS 110-54-3)	Listed.
Isophorone (CAS 78-59-1)	Listed.
Methyl alcohol (CAS 67-56-1)	Listed.
Methyl ethyl ketone (CAS 78-93-3)	Listed.
Methylene bisphenol isocyanate (MDI) (CAS 101-68-8)	Listed.
Methylisobutylketone (CAS 108-10-1)	Listed.
Naphthalene (CAS 91-20-3)	Listed.
Toluene (CAS 108-88-3)	Listed.
Xylene (mixed isomers) (CAS 1330-20-7)	Listed.
FRODA Continuo COA Francisco III - Color C OFROLA II	

US EPCRA Section 304 Extremely Haz. Subs. & CERCLA Haz. Subs.: Section 304 EHS reportable quantity

Formaldehyde (CAS50-00-0) 100 LBS

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

Formaldehyde (CAS 50-00-0) Cancer

Skin sensitization Respiratory sensitization

Eye irritation Skin irritation

Respiratory tract irritation Acute toxicity Flammability

US OSHA Hazard Categories (9)

Not regulated.

US OSHA Hazard Categories (10)

Not regulated.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Section 311/312 hazard Immediate Hazard - Yes Categories Delayed Hazard - Yes

Fire Hazard - Yes
Pressure Hazard - No
Reactivity Hazard - No

SARA 302 Extremely hazardous substance

Chemical name	CAS number	Reportable quantity	Threshold planning quantity	Threshold planning quantity, lower value	Threshold planning quantity, upper value
Formaldehyde	50-00-0	100	500lbs		• •

SARA311/312 Hazardous Yes

chemical

SARA 313 (TRI reporting)

Chemical name	CAS number	% by wt.
Xylene (mixed isomers)	1330-20-7	=
Toluene	108-88-3	-
Hexane	110-54-3	-
1,2,4-Trimethyl benzene	95-63-6	-
Methyl alcohol	67-56-1	-
Methylene bisphenol isocyanate (MDI)	101-68-8	-
Ethylbenzene	100-41-4	-
2-Butoxyethanol	111-76-2	-
Methylisobutyl ketone	108-10-1	-
Naphthalene	91-20-3	<5
Formaldehyde	50-00-0	<1
•		Ţ.

US state regulations

US. California Proposition 65

US - California Proposition 65 - CRT: Listed date/Carcinogenic substance

Ethyl alcohol (CAS 64-17-5) Listed: April 29, 2011

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Listed: July 1, 1988 Listed: June 11, 2004 Listed: January 1, 1988

Formaldehyde (CAS 50-00-0) Methylisobutylketone (CAS 108-10-1) Listed: November 4, 2011 Naphthalene (CAS 91-20-3) Listed: April 19, 2002

US - California Proposition 65 - CRT: Listed date/Developmental toxin

Ethyl alcohol (CAS 64-17-5) Listed: October 1, 1987 Methyl alcohol (CAS 67-56-1) Listed: March 16, 2012 Methylisobutyl ketone (CAS 108-10-1) Listed: March 28, 2014 Toluene (CAS 108-88-3) Listed: January 1, 1991

International Inventories

Ethylbenzene (CAS 100-41-4)

Country(s) or region	Inventory name On Inventory	(yes/no)*	
Australia	Australian Inventory of Chemical Substances (AICS)	Yes	
Canada	Domestic Substances List (DSL)	Yes	
Canada	Non-Domestic Substances List (NDSL)	No	
China	Inventory of Existing Chemical Substances In China (IECSC)	Yes	
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	Yes	
Europe	European List of Notified Chemical Substances (ELINCS)	No	
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No	
Korea	Existing Chemicals List (ECL)	Yes	
New Zealand	New Zealand Inventory	Yes	
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	No	
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes	
*A "Yes" Indicates that all components of this product comply with the inventory requirements administered by the governing country(s) A"No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing			

ates thatone ormore components ofthe product are not listed or exempt from listing on the inventory administered by the governing:

16. Other information, including date of preparation or last revision

SDS Status Origination date: April 1, 2021.

Disclaimer

The information in the sheet was written based on the best knowledge and experience currently

available.

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Other Information

- Guide to Occupational Exposure Values 2012, Compiled by the American Conference of Governmental Industrial Hygienists
- NIOSH Pocket Guide to Chemical Hazards, U.S. Department of Health and Human Services, September 2005.
- expub, Expert Publishing, LLC., www.expub.com,
- Ariel, 3E Company, www.3Ecompany.com

Key/Legend:

ACGIH American Conference of Governmental Industrial Hygienists

AICS Australian Inventory of Chemical Substances

CAS **Chemical Abstract Services**

CERCLA Comprehensive Environmental Response, Compensation, and Liability Act

CFR Code of Federal Regulations CPR Cardio-pulmonary Resuscitation Department of Transportation DOT DSL Domestic Substances List (Canada)

Effective Concentration EC

ED Effective Dose

EINECS European Inventory of Existing Commercial Chemical Substances

ENCS Japan - Existing and New Chemical Substances

EWC European Waste Catalogue **Environmental Protective Agency** EPA

IARC International Agency for Research on Cancer

Lethal Concentration LC

Lethal Dose LD

Maximum Workplace Concentration (Germany) "maximale Arbeitsplatz-Konzentration" MAK

Non-Domestic Substances List (Canada) **NDSL**

NIOSH National Institute for Occupational Safety and Health

National Toxicology Program NTP Occupational Exposure Limit **OEL**

Occupational Safety and Health Administration **OSHA**

Product Identification Number PIN **PMCC** Pensky Marten Closed Cup

Resource Conservation and Recovery Act **RCRA** SARA Superfund Amendments and Reauthorization Act

SIMDUT Système d'Information sur les Matières Dangereuses Utilisées au Travail

STEL Short Term Exposure Limit

TCLP Toxic Chemicals Leachate Program Transportation of Dangerous Goods TDG

TLV Threshold Limit Value

TSCA Toxic Substances Control Act TWA Time Weighted Average

WHMIS Workplace Hazardous Materials Information System

meter, m centimeter. cm millimeter. mm inch, in gram, g kg kilogram, lb pound, microgram, μg parts per million, ppm feet*** End of SDS ***

Material name: WASTE PAINT AND SOLVENT SOAKED RAGS

SDS/US KWAR-23 Version#: 01 18 / 18

^{***} End of SDS ***

Hazard statement

Flammable solid. Harmful in contact with skin. Causes skin irritation. May cause an allergic skin reaction. Causes eye irritation. Harmful if inhaled. May cause respiratory irritation. May cause drowsiness or dizziness. Suspected of causing cancer.

Suspected of damaging fertility or the unborn child. May cause damage to organs through prolonged or repeated exposure.

Precautionary statement

Prevention

Keep away from heat/sparks/open flames/hot surfaces. No smoking. Ground/bond container and receiving equipment. Use explosion-proofelectrical/ventilating/lighting equipment. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe vapors. Use only outdoors or in a well ventilated area. Wear protective gloves. Wash thoroughly after handling. Contaminated work clothing must not be allowed out of the workplace.

Response

In case of fire: Use appropriate media for extinction. If exposed or concerned: Get medical advice/attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. IF ON SKIN: Wash with plenty of water. If skinirritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

Storage

Store in a well-ventilated place. Keep container tightly closed. Keep cool.

Disposal

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



Warning

Supplemental information

In case of fire, use carbon dioxide/foam/alcohol resistant foam/chemical powder for extinction.

Solventvapors may form explosive air/vapor mixtures at room temperature. Vapors are heavier than air and may travel considerable distances along the ground to a source of ignition. Closed containers may burst or explode when exposed to extreme heat. Material and rags contaminated with solvents can be combustible and can spontaneously ignite.

FIRE FIGHTING MEASURES:

Use Class B extinguishing agents [Carbon dioxide, Dry chemical (ABC or BC), Foam]. Use water spray to minimize vapors. Use water spray to cool exposed containers. Move undamaged containers away from heat or flame, if possible. Water spray may be used to flush spills away from ignition sources.

Heavy streams of water, when directed into burning liquid, will cause frothing and spread of burning material. Water spray may be ineffective and may spread flames.

IN CASE OF SPILL:

Use adequate ventilation to reduce vapor concentrations. Avoid all ignition sources. Collect in closed metal containers. Absorb remainder with absorbent material.

