

Safety Data Sheet

Section 1. Identification

GHS product Identifier : CR™ Liquid Membrane- Part A
Other means of identification : Not available

Relevant identified used of the substance or mixtures and uses advised against

CR™ Liquid Membrane (Chemical Resistant Liquid Membrane) is a high performance, high polysulfide polymer content, chemical resistant flexible liquid membrane used in a variety of applications in conjunction with Polyguard Chemical Resistant Waterproofing System.

Supplier's details Polyguard Products, Inc.
3801 South Interstate 45
Ennis, TX 75119
Tel: (800) 541-4994

Emergency telephone number) with hours of operation) CHEMTREC, US 1-800-424-9300 International 1-703-527-3887 (24/7)

Section 2. Hazards Identification

OSHA/HCS status This material is considered hazardous by the OSHA Hazardous Communications Standard (49CFR1910.1200) .

Classification of the substance or mixture Acute Toxicity, dermal- Category 4

GHS label elements
Hazard pictogram



Signal word Warning
Hazard statement Harmful in contact with skin.

Precautionary statements
Prevention Wear protective gloves & protective clothing.
Response If on skin: Wash with plenty of water. Take off contaminated clothing and wash before reuse.

Storage Store away from incompatible materials.

Disposal Dispose of contents and container in accordance with all local, regional, national and international regulations.

Hazards not otherwise classified Not classified

Supplemental information 97.49% of the mixture consists of component(s) of unknown long term hazards to the aquatic environment. 78.77 % of the mixture consists of component(s) of unknown acute oral toxicity. 69.28% of the mixture consists of component(s) of unknown acute inhalation toxicity. 97.49 % of the mixture consists of component(s) of unknown acute hazards to the aquatic environment.

Section 3. Composition/Information on Ingredients

Substance/Mixture	Mixture
Other means of identification	Not available
<u>CAS number/other identifiers</u>	
CAS number	Not applicable
Product code	Not applicable

Ingredient name	%	CAS Number
Calcium Carbonate	10-30	471-34-1
Limestone (total dust)	5-10	1317-65-3
Titanium Dioxide	1-5	13463-67-7
Other components below reportable limits	60-100	

* The exact percentage (concentration) of composition has been withheld as a trade secret. There are no additional ingredients present which, within the current knowledge of the supplier and in the concentration applicable, are classified as hazardous to health or the environment and hence require reporting in this section. Occupational exposure limits, if available, are listed in Section 8.

Section 4. First Aid Measures

Description of necessary first aid measures.

Eye contact	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue rinsing at least 20 minutes. Get medical attention if irritation develops and persists.
Inhalation	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a physician if symptoms develop or persist.
Skin contact	Wash off with soap and plenty of water. Get medical advice/attention if you feel unwell. Wash contaminated clothing before reuse.
Ingestion	Rinse mouth. Get medical advice/attention if you feel unwell.

Most important symptoms/effects, acute and delayed

Direct contact with eyes may cause temporary irritation.

Indication of immediate medical attention and special treatment needed

Notes to physician:	Provide general supportive measures and treat symptomatically. In cases of shortness of breath, give oxygen. Keep victim under observation. Symptoms may be delayed.
Specific treatments	No specific treatment

Section 5. Fire-Fighting Measures

Extinguishing media

Suitable extinguishing media	Water fog, foam, dry chemical powder, or Carbon Dioxide (CO ₂).
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.

Specific hazards arising from the chemical	During fire, gases hazardous to health may be formed.
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Special protective equipment	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face piece operated in a positive pressure mode.
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Special protective actions for fire fighters	Move containers from fire area if you can do so without risk.
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Section 6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures.

For non emergency personal Keep unnecessary personnel away. Keep people away from and upwind of a spill or leak. Do not touch damaged containers of spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them.

For emergency responders Fully encapsulating vapor protective clothing should be worn for spills and leaks with no fire. For personal protection, see section 8 of the SDS.

Enviromental precautions Avoid discharge into drains, water courses or onto the ground. Contact local authorities if significant spillages cannot be contained.

Methods and materials for containment and cleaning up

Spill Large spills- Stop the flow of material if without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand, or earth and place in containers. After product recovery flush area with water.

Small spills: wipe up with absorbent material and clean surface thoroughly to remove residual contamination. Dispose in accordance with local, state, tribal and Federal regulations Dispose of via a licensed waste disposal contractor. See Section 13 for waste disposal.

Section 7. Handling and Storage

Precautions for safe handling

Protective measures

Do not taste or swallow. Avoid breathing vapor. Avoid contact with skin. Avoid contact with eyes. Avoid contact with clothing. Use only outdoors or in a well-ventilated area. Wear appropriate personnel protective equipment (see section 8). Observe good industrial hygiene practices. Wash hands thoroughly after handling. Wash contaminated clothing before reuse.

Advice on general occupational hygiene

Eating, drinking and smoking should be prohibited in areas where material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See section 8 for additional information on hygiene measures.

Conditions for safe storage, including any incompatibilities

Store in accordance with local regulations. Store in original tightly closed container. Store away from incompatible materials (see section 10 of the SDS).

Section 8. Exposure Controls/Personal Protection

Control parameters

Occupational exposure limits

Ingredient name

Calcium Carbonate

Limestone

Titanium Dioxide

Exposure limits

OSHA PEL- 5 mg/m³ (Respirable dust)

NIOSH REL- TWA 5 mg/m³ (Respirable dust)

OSHA PEL- 5 mg/m³ (Respirable dust)

- 15 mg/m³ (total dust)

NIOSH REL- TWA 5 mg/m³ (Respirable dust)

- TWA 10 mg/m³ (Total)

OSHA PEL- 15 mg/m³ (Total dust)

ACGIH TLV- TWA 10 mg/m³

Section 8. Exposure Controls/Personal Protection

Biological limit values Appropriate engineering controls

No biological exposure limits noted for the ingredients.
Good general ventilation (typically 10 air changes per hour) should be used.
Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended or statutory limits.

Individual protective measures, such as personal protective equipment Eye/face protection

Face shield is recommended. Wear Safety glasses with side shields or chemical splash goggles.

Skin Protection Hand protection

Chemical- resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products.

Body protection

Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Other skin protection

Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Respiratory protection

In case of insufficient ventilation, wear suitable respiratory equipment. Use a properly fitted, air purifying or supplied air respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Hygiene measure:

Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking, and using the lavatory and at the end of the working period. Ensure that eyewash stations and safety showers are close to the work station location.

Section 9. Physical and Chemical Properties

Appearance

Physical state

Liquid

Color

Grey

Odor

Slight

Odor threshold

Not available

pH

Not available

Melting point

Not available

Boiling point

Not available

Flash Point

392 °F (200 ° C) estimated

Evaporation rate:

Not available

Flammability(solid, gas)

Not available

Lower & upper explosive (flammable) limits

Lower : Not available

Upper : Not available

Vapor density

Not available

Vapor pressure

Not available

Relative density

12.58 lbs/gal

Solubility

Not available

Partition coefficient: n- octanol/water (log K_{ow})

Not available

Auto- ignition temperature

Not available

Decomposition temperature

Not available

Viscosity

Not available

Section 9. Physical and Chemical Properties

Flammability class	Combustible III B estimate
VOC	Not available
Specific gravity	1.51

Section 10. Stability and Reactivity

Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical stability	This product is stable under normal conditions.
Possibility of hazardous reactions	Hazardous polymerization does not occur.
Conditions to avoid:	Contact with incompatible materials.
Incompatible materials	Strong oxidizing agents.
Hazardous decomposition products	No hazardous decomposition products are known.

Section 11. Toxicological Information

Information on the likely routes of exposure

Inhalation	Prolonged inhalation may be harmful.
Skin contact	Harmful in contact with skin.
Eye contact	Direct contact with eyes may cause temporary irritation.
Ingestion	Expected to be a low ingestion hazard.

Symptoms related to the physical, chemical and toxicological characteristics	Direct contact with eyes may cause temporary irritation.
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Information on toxicological effects

Acute toxicity	Harmful in contact with skin
Skin corrosion/irritation	Prolonged skin contact may cause temporary irritation.
Serious eye damage/eye irritation	Direct contact with eyes may cause temporary irritation.
Respiratory or skin sensitizer	
Respiratory sensitizer	Not a respiratory sensitizer
Skin sensitizer	This product is not expected to cause skin sensitization.
Germ cell mutagenicity	No data available to indicate product or any component present at greater than 0.1 % are mutagenic or genotoxic.

Carcinogenicity

Ingredient	IARC	OSHA	NTP
Titanium Dioxide (CAS 13463-67-7)	2B possible carcinogenic to humans	Not regulated	Not listed

Reproductive toxicity	This product is not expected to cause reproductive or developmental effects.
Specific target organ toxicity (single exposure)	No information available.
Specific target organ toxicity (repeated exposure)	No information available.
Aspiration hazard	Not an aspiration hazard.
Chronic effects	Prolonged inhalation may be harmful.

Section 12. Ecological Information

Toxicity Ecotoxicity

The product is not classified as environmentally hazardous. However, this does not exclude the possibility that a large or frequency spills can have a harmful or damaging effect on the environment.

Persistence and degradability Bio accumulative potential

No data is available on the degradability of this product.

Mobility in soil

No data is available on this product.

Other adverse effects

No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

Section 13. Disposal Considerations

Disposal methods

The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus material via a licensed waste disposal contractor. Waste should not be disposed of to a sewer. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling empty containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, water ways, drains and sewers.

Section 14. Transportation Information

	<u>DOT Classification*</u>	<u>IMDG</u>	<u>IATA</u>
	Not Regulated	Not Regulated	Not Regulated

Section 15. Regulatory Information

<u>U.S. Federal regulations:</u>	United States TSCA section 12(b) Export notification- not regulated.
<u>CERCLA Hazardous Substance list</u>	Not listed
<u>Clean Air Act (CAA) section 112 Hazardous Air Pollutants (HAPs) list</u>	Not regulated
<u>Clean Air Act (CAA) section 112 (r) Accidental Release Prevention.</u>	Not regulated
<u>SARA 304 Emergency release information</u>	Not regulated
<u>SARA 311/312</u>	Immediate hazard
<u>SARA 313</u>	No ingredients are listed.
<u>Safe Drinking Water Act (SDWA)</u>	Not regulated

Section 15. Regulatory Information

State regulations California Prop 65

Warning: This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.

Chemicals are Ethylene Oxide, Formaldehyde, and Titanium Dioxide.

16. Other Information

Date of revision:	3/19/19
Date of previous issue	12/7/15
Revisions:	<p>Section 1 Remove acute toxicity- inhalation listing.</p> <p>Section 2 Add supplemental information. Update prevention and response statements.</p> <p>Section 4 Update first aid measures.</p> <p>Section 5 Update information under Specific hazards arising from the chemical section.</p> <p>Section 8 Update ventilation and PPE information</p> <p>Section 9 Add density value</p> <p>Section 10 Update conditions to avoid.</p> <p>Section 11 Update Toxicology information</p> <p>Section 12 Update ecology information.</p> <p>Section 13 Update SARA 311/312 hazards.</p> <p>Section 15 Update California regulations. Remove other state's RTK chemical lists.</p> <p>Section 16 Remove reference to HMIS system.</p>
Version	2
Prepared by	C. Rogalski

Notice to reader: To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

Safety Data Sheet

Section 1. Identification

GHS product Identifier : CR™ Liquid Membrane- Part B
Other means of identification : Not available

Relevant identified used of the substance or mixtures and uses advised against

CR™ Liquid Membrane (Chemical Resistant Liquid Membrane) is a high performance, high polysulfide polymer content, chemical resistant flexible liquid membrane used in a variety of applications in conjunction with Polyguard Chemical Resistant Waterproofing System.

Supplier's details Polyguard Products, Inc.
 3801 South Interstate 45
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 Tel: (800) 541-4994

Emergency telephone number) with hours of operation) CHEMTREC, US 1-800-424-9300 International 1-703-527-3887 (24/7)

Section 2. Hazards Identification

OSHA/HCS status This material is not considered hazardous.
Classification of the substance or mixture Not classified
GHS label elements None
Hazard pictogram
Signal word None
Hazard statement The mixture does not meet the criteria for classification.
Precautionary statements
Prevention Observe good industrial hygiene practices.
Response Wash hands after handling.
Storage Store away from incompatible materials.
Disposal Dispose of contents and container in accordance with all local, regional, national and international regulations.
Hazards not otherwise classified Not classified

Section 3. Composition/Information on Ingredients

Substance/Mixture Mixture
Other means of identification Not available
CAS number/other identifiers
CAS number Not applicable
Product code Not applicable

Ingredient name	%	CAS Number
Benzyl 3-isobutyryoxy-1-isopropyl-2,2-dim ethylpropyl Phthalate	30-60	16883-83-3
Manganese Oxide	30-60	1344-43-0
Tetramethyl Thiuram Disulfide	1-5	137-26-8

* The exact percentage (concentration) of composition has been withheld as a trade secret.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentration applicable, are classified as hazardous to health or the environment and hence require reporting in this section. Occupational exposure limits, if available, are listed in Section 8.

Section 4. First Aid Measures

Description of necessary first aid measures.

Eye contact	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue rinsing at least 20 minutes. Get medical attention if irritation develops and persists.
Inhalation	Remove victim to fresh air. Call a physician if symptoms develop or persist.
Skin contact	Wash off with soap and plenty of water. Get medical attention if irritation develops and persists.
Ingestion	Rinse mouth. Get medical attention if symptoms occur.

Most important symptoms/effects, acute and delayed

Direct contact with eyes may cause temporary irritation.

Indication of immediate medical attention and special treatment needed, if necessary.

Notes to physician:	Treat symptomatically.
Specific treatments	No specific treatment
Protection of first-aiders:	No action shall be taken involving any personal risk or without suitable training.

Section 5. Fire-Fighting Measures

Extinguishing media

Suitable extinguishing media	Water fog, foam, dry chemical powder, or Carbon Dioxide (CO ₂).
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.

Specific hazards arising from the chemical During fire, gases hazardous to health may be formed.

Special protective equipment Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face piece operated in a positive pressure mode.

Special protective actions for fire fighters Move containers from fire area if you can do so without risk.

Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures.

For non emergency personal Keep unnecessary personnel away. Keep people away from and upwind of a spill or leak. Keep out of low areas. Do not touch damaged containers of spilled material unless wearing appropriate protective clothing.

For emergency responders Proper protective clothing should be worn for spills and leaks with no fire. For personal protection, see section 8 of the SDS.

Environmental precautions Avoid discharge into drains, water courses or onto the ground. Contact local authorities in cases of spillage to drain /aquatic environment.

Methods and materials for containment and cleaning up

Spill This product is miscible in water.
Large spills: Stop the flow of material, if this is without risk. Dike spilled material, where this is possible. Cover with plastic sheeting to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.
Small spills: wipe up with absorbent material(e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.
 Prevent entry into waterways, sewer, basements or confined areas. Dispose in accordance with local, state, tribal and Federal regulations Dispose of via a licensed waste disposal contractor. See Section 13 for waste disposal.

Section 7. Handling and Storage

Precautions for safe handling Protective measures

Avoid prolonged exposure. Wear appropriate personnel protective equipment (see section 8). Observe good industrial hygiene practices. Wash hands thoroughly after handling. Wash contaminated clothing before reuse.

Advice on general occupational hygiene

Eating, drinking and smoking should be prohibited in areas where material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See section 8 for additional information on hygiene measures.

Conditions for safe storage, including any incompatibilities

Store in accordance with local regulations. Store in original tightly closed container. Store away from incompatible materials. See section 10 of the SDS).

Section 8. Exposure Controls/Personal Protection

Control parameters Occupational exposure limits

<u>Ingredient name</u>	<u>Exposure limits</u>
Manganese Oxide	OSHA Ceiling- 5 mg/m ³ ACGIH TLV-TWA- 0.1 mg/m ³ (inhalable fraction) NIOSH REL- STEL 3 mg/m ³ (Fume) - TWA 1 mg/m ³ (Fume)
Tetramethyl Thiuram Disulfide	OSHA PEL- 5 mg/m ³ ACGIH TLV-TWA- 5 mg/m ³ (Fume)

Biological limit values Appropriate engineering controls

No biological exposure limits noted for the ingredients.

Good general ventilation (typically)10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures,local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking, and using the lavatory and at the end of the working period. Ensure that eyewash stations and safety showers are close to the work station location.

Environmental exposure controls Hygiene measure:

Eye/face protection

Safety eyewear complying with an approved standard should be used when risk assessment indicates this is necessary to avoid exposure to liquid splashes. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: Safety glasses with side shields.

Skin Protection Hand protection Body protection

For prolonged or repeated skin contact use suitable protective gloves. Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Other skin protection

Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Respiratory protection

In case of insufficient ventilation, use a properly fitted respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Section 9. Physical and Chemical Properties

Appearance	
Physical state	Liquid
Color	Grey when mixed with part A
Odor	Slight
Odor threshold	Not available
pH	Not available
Melting point	Not available
Boiling point	Not available
Flash Point	>201.0 °F (>93.9 ° C) estimated
Evaporation rate:	Not available
Flammability(solid, gas)	Not available
Lower & upper explosive (flammable) limits	Lower : Not available Upper : Not available
Vapor density	Not available
Vapor pressure	Not available
Relative density	14.7 lbs/gal
Solubility	No soluble in water
Partition coefficient: n-octanol/water (log K_{ow})	Not available
Auto- ignition temperature	Not available
Decomposition temperature	Not available
Viscosity	Not available
Flammability class	Combustible III B estimated
Specific gravity	1.76 estimated
VOC	0 g/l mixed components

Section 10. Stability and Reactivity

Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical stability	This product is stable under normal conditions.
Possibility of hazardous reactions	Hazardous polymerization does not occur.
Conditions to avoid:	Avoid temperatures exceeding the flash point. Contact with incompatible materials.
Incompatible materials	Strong oxidizing agents.
Hazardous decomposition products	No hazardous decomposition products are known.

Section 11. Toxicological Information

Information on the likely routes of exposure

Eye contact	Direct contact with eyes may cause temporary irritation.
Inhalation	Prolonged inhalation may be harmful.
Skin contact	No adverse effects due to skin contact are expected.
Ingestion	Expect to be a low ingestion hazard.

Symptoms related to the physical, chemical and toxicological characteristics

Information on toxicological effects

Acute toxicity	Not available
Skin corrosion/irritation	Prolonged skin contact may cause temporary irritation.
Serious eye damage/eye irritation	Direct contact with eyes may cause temporary irritation.

Section 11. Toxicological Information

Respiratory or skin sensitizer

ACGIH sensitizer

Respiratory sensitizer

Skin sensitizer

Germ cell mutagenicity

Tetramethyl Thiuram Disulfide (TMTD) CAS 137-26-8 dermal sensitizer

Not a respiratory sensitizer.

This product is not expected to cause skin sensitization.

No data available to indicate product or any components at greater than 0.1% are mutagenic or genotoxic.

Ingredient	IARC	OSHA	NTP
Tetramethyl Thiuram Disulfide (TMTD) CAS 137-26-8	3 not classifiable as to carcinogenicity to humans.	Not listed	Not available

Reproductive toxicity

Specific target organ toxicity (single exposure)

Specific target organ toxicity (repeated exposure)

Aspiration hazard

This product is not expected to cause reproductive or developmental effects.

No information available

No information available

Not an aspiration hazard.

Chronic effects

Prolonged inhalation may be harmful.

Section 12. Ecological Information

Toxicity

Ecotoxicity

This product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Persistence and degradability

No data is available on the degradability of this product.

Bio accumulative potential

No data is available on this product.

Mobility in soil

No data is available on this product.

Other adverse effects

No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

Section 13. Disposal Considerations

Disposal methods

The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus material via a licensed waste disposal contractor. Waste should not be disposed of to a sewer. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling empty containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, water ways, drains and sewers.

Section 14. Transportation Information

	DOT Classification*	IMDG	IATA
	Not Regulated	Not Regulated	Not Regulated

Section 15. Regulatory Information

<p>U.S. Federal regulations: CERCLA Hazardous Substance list Clean Air Act (CAA) section 112 Hazardous Air Pollutants (HAPs) list Clean Air Act (CAA) section 112 (r) Accidental Release Prevention. SARA 304 Emergency release information SARA 311/312 SARA 313</p>	<p>United States TSCA section 12(b) Export notification- not regulated. The following chemicals are listed: Manganese Oxide (CAS 1344-43-0), Tetramethyl Thiuram Disulfide (CAS 137-26-8). The following chemical is listed: Manganese Oxide (CAS 1344-43-0)</p>
<p>Safe Drinking Water Act (SDWA) <u>State regulations</u> California Candidate Chemical list. Safer Consumer Products Regulations (Cal. Code Regs, tit.22, 69502.3, subd.(a)) California Prop 65</p>	<p>Not regulated. Not regulated. No hazards listed. The following chemicals are listed: Manganese Oxide (CAS 1344-43-0) and Tetramethyl Thiuram Disulfide (CAS 137-26-8) Not regulated. Tetramethyl Thiuram Disulfide (CAS 137-26-8)</p>
<p>Massachusetts RTK New Jersey RTK</p>	<p>The following chemicals are known to the State of California to cause cancer: none listed. The following chemicals are known to the State of California to cause birth defects or other reproductive harm: None listed. The following component is listed: Tetramethyl Thiuram Disulfide (CAS 137-26-8) The following components are listed: Manganese Oxide (CAS 1344-43-0) and Tetramethyl Thiuram Disulfide (CAS 137-26-8)</p>
<p>Pennsylvania RTK Rhode Island RTK</p>	<p>The following component is listed: Tetramethyl Thiuram Disulfide (CAS 137-26-8). The following components are listed: Manganese Oxide (CAS 1344-43-0) and Tetramethyl Thiuram Disulfide (CAS 137-26-8).</p>

16. Other Information

Date of revision:	3/19/19
Date of previous issue	12/7/15
Revisions:	<p>Section 2 Add new chemical to list</p> <p>Section 4 Update most important symptoms section.</p> <p>Section 6 Update spill response measures.</p> <p>Section 8 Update ventilation information.</p> <p>Section 9 Add specific gravity information</p> <p>Section 10 Update conditions to avoid criteria</p> <p>Section 11 Update Toxicological information.</p> <p>Section 12 Update ecological information.</p> <p>Section 15 Update state regulations and add information on Safe Water Drinking Act.</p> <p>Section 16 Remove reference to HMIS system.</p>
Version	2
Prepared by	C. Rogalski

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