



Thurmalox 230C

SDS Preparation Date (mm/dd/yyyy): 12/17/2015

Page 1 of 13

SAFETY DATA SHEET

SECTION 1. IDENTIFICATION

Product identifier used on the label

: **Thurmalox 230C**

Product Code(s)

: 230C

Recommended use of the chemical and restrictions on use

: Coating 1200F VOC
Use pattern: Professional Use Only
Recommended restrictions: None Known.

Chemical family

: Mixture.

Name, address, and telephone number
of the supplier:

Dampney Company, Inc.

85 Paris Street
Everett, Massachusetts, U.S.A.
02149

Email: sales@dampney.com

Supplier's Telephone #

: (617) 389-2805

24 Hr. Emergency Tel #

: Chemtrec 1-800-424-9300 (Within Continental U.S.); Chemtrec 703-527-3887
(Outside U.S.).

Name, address, and telephone number of
the manufacturer:

Refer to supplier

SECTION 2. HAZARDS IDENTIFICATION

Classification of the chemical

Colored liquid.Solvent odor.

This material is classified as hazardous under U.S. OSHA regulations (29CFR 1910.1200) (Hazcom 2012) and Canadian WHMIS regulations (Hazardous Products Regulations) (WHMIS 2015).

Hazard classification :

Flammable Liquids - Category 3

Skin Irritation - Category 2

Eye Damage/Irritation - Category 2B

Carcinogenicity- Category 2

Reproductive Toxicity - Category 2

Specific Target Organ Toxicity, Single Exposure -Category 3 (respiratory)

Specific Target Organ Toxicity, Single Exposure - Category 3 narcotic effects

Label elements

Hazard pictogram(s)



Signal Word

Warning.



Thurmalox 230C

SDS Preparation Date (mm/dd/yyyy): 12/17/2015

Page 2 of 13

SAFETY DATA SHEET

Hazard statement(s)

Flammable liquid and vapour.
Causes skin irritation.
Causes eye irritation.
Suspected of causing cancer.
Suspected of damaging the unborn child.
May cause respiratory irritation.
May cause drowsiness and dizziness.

Precautionary statement(s)

Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
Keep container tightly closed.
Ground and bond container and receiving equipment.
Use explosion-proof electrical/ventilating/lighting/equipment.
Use only non-sparking tools.
Take precautionary measures against static discharge.
Avoid breathing vapors or mists.
Use only outdoors or in a well-ventilated area.
Wash thoroughly after handling.
Wear protective gloves/clothing and eye/face protection.
If exposed or concerned: Get medical advice/attention.

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
If skin irritation occurs: Get medical advice/attention.
Take off contaminated clothing and wash it before reuse.
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 INHALED: If breathing is difficult, remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.
In case of fire: Use water fog, dry chemical, CO2 or 'alcohol' foam for extinction.

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

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

Other hazards

No OSHA defined hazard classes.

Other hazards which do not result in classification:

May be sensitive to static discharge. Burning produces obnoxious and toxic fumes.

Ingestion can cause gastrointestinal irritation, nausea, and diarrhea. Prolonged or repeated contact may cause drying, cracking and defatting of the skin.



Thurmalox 230C

SDS Preparation Date (mm/dd/yyyy): 12/17/2015

Page 3 of 13

SAFETY DATA SHEET

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture

| <u>Chemical name</u> | <u>Common name and synonyms</u> | <u>CAS #</u> | <u>Concentration (% by weight)</u> |
|--|--|--------------|------------------------------------|
| Xylene | Dimethylbenzene Methyltoluene Xylol | 1330-20-7 | 10.0 - 15.0 |
| Methyl isobutyl ketone | 4-methylpentan-2-one Isobutyl methyl ketone MIBK | 108-10-1 | 5.0 - 10.0 |
| Siloxanes and Silicones, diphenyl, methyl Ph, polymers with methyl phenyl silsesquioxanes | Silicone resin | 68037-81-0 | 5.0 - 10.0 |
| Methyl n-amyl ketone | 2-heptanone | 110-43-0 | 1.0 - 5.0 |
| Ethylbenzene | Ethylbenzol Phenylethane | 100-41-4 | 1.0 - 5.0 |

The exact concentrations of the above listed chemicals are being withheld as a trade secret.

SECTION 4. FIRST-AID MEASURES

Description of first aid measures

- Ingestion* : IF SWALLOWED: Immediately call a POISON CENTRE or doctor/physician. Do NOT induce vomiting. If vomiting occurs spontaneously, keep victim's head lowered (forward) to reduce the risk of aspiration.
- Inhalation* : IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTRE or doctor/physician if you feel unwell.
- Skin contact* : IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
- Eye contact* : In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention if irritation develops and persists.

Most important symptoms and effects, both acute and delayed

- : May cause respiratory irritation. Symptoms may include upper respiratory irritation, coughing and breathing difficulties. May cause drowsiness and dizziness. Symptoms may include pain, headache, nausea, vomiting, dizziness, drowsiness and other central nervous system effects. Causes skin irritation. Symptoms may include redness, itching and swelling. Causes eye irritation. Symptoms may include tearing, redness and discomfort. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Suspected of damaging the unborn child. Suspected of causing cancer.

Indication of any immediate medical attention and special treatment needed

- : Treat symptomatically. This product is a CNS depressant.

SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing media

- Suitable extinguishing media* : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
- Unsuitable extinguishing media* : Do not use water jet, as this may spread burning material.

Special hazards arising from the substance or mixture / Conditions of flammability



Thurmalox 230C

SDS Preparation Date (mm/dd/yyyy): 12/17/2015

Page 4 of 13

SAFETY DATA SHEET

- : Flammable liquid and vapour. . Keep away from heat and flame. This product will accumulate static charge by flow, splashing or agitation. Vapors may travel considerable distance to a source of ignition and flash back. Vapours are heavier than air and collect in confined and low-lying areas. Product may float, and be re-ignited at the water's surface. Closed containers may rupture if exposed to excess heat or flame due to a build-up of internal pressure.

Flammability classification (OSHA 29 CFR 1910.106)

- : Flammable Liquids - Category 3

Hazardous combustion products

- : Carbon oxides ; Other unidentified organic compounds.

Special protective equipment and precautions for firefighters

Protective equipment for fire-fighters

- : Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA. Firefighters should wear proper protective equipment and self-contained breathing apparatus with full face piece operated in positive pressure mode.

Special fire-fighting procedures

- : Move containers from fire area if safe to do so. Use water spray to cool unopened containers. Avoid spreading burning liquid with water spray used for cooling purposes. Do not allow run-off from fire fighting to enter drains or water courses. Prevent fire extinguishing water from contaminating surface water or the ground water system. Dike for water control.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

- : Immediately evacuate personnel to safe areas. Keep people away from and upwind of spill/leak. Avoid breathing vapour or mist. Restrict access to area until completion of clean-up. Remove all sources of ignition. All persons dealing with the clean-up should wear the appropriate personal protective equipment. For personal protection see section 8.

Environmental precautions

- : Avoid release to the environment. Avoid discharge into drains, water courses or onto the ground. For large spills, dike the area to prevent spreading.

Methods and material for containment and cleaning up

- : Ventilate the area. Remove all sources of ignition. Prevent further leakage or spillage if safe to do so. Use only non-sparking tools. For spilled liquids: absorb spill with inert, non-combustible material such as sand, then place into suitable containers. Do not use combustible absorbents, such as sawdust. Bond and ground transfer containers and equipment to avoid static accumulation. Contaminated absorbent material may pose the same hazards as the spilled product. Pick up and transfer to properly labeled containers. Contact the proper local authorities.

Special spill response procedures

- : In case of a transportation accident, in the United States contact CHEMTREC at 1-800-424-9300 or International at 1-703-527-3887.
EPA/CERCLA Reportable quantity (RQ):
Xylene (100 lbs / 45.4 kg)
Ethylbenzene (1000 lbs / 454 kg)
Methyl isobutyl ketone (5000 lbs / 2270 kg)



Thurmalox 230C

SDS Preparation Date (mm/dd/yyyy): 12/17/2015

Page 5 of 13

SAFETY DATA SHEET

SECTION 7. HANDLING AND STORAGE

Precautions for safe handling

- : Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat and flame. Use only outdoors or in a well-ventilated area. Keep container tightly closed. Bond and ground transfer containers and equipment. Use explosion-proof electrical and ventilating equipment. Use non-sparking tools. Take precautionary measures against static discharge. Wear protective gloves and eye/face protection. Avoid breathing vapour or mist. Do not ingest. Avoid contact with skin, eyes and clothing. Avoid contact with incompatible materials.

Conditions for safe storage

- : Store in well-ventilated place. Keep cool. Store locked up. Keep container tightly closed. Store away from incompatibles and out of direct sunlight. Take measures to prevent the build up of electrostatic charge. Storage area should be clearly identified, clear of obstruction and accessible only to trained and authorized personnel. Inspect periodically for damage or leaks. No smoking in the area.

Incompatible materials

- : Strong oxidizers, acids and bases.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits:

| <u>Chemical Name</u> | <u>ACGIH TLV</u> | | <u>OSHA PEL</u> | |
|---|------------------|-------------|----------------------------------|-------------|
| | <u>TWA</u> | <u>STEL</u> | <u>PEL</u> | <u>STEL</u> |
| Xylene | 100 ppm | 150 ppm | 100 ppm (435 mg/m ³) | N/Av |
| Methyl isobutyl ketone | 20 ppm | 75 ppm | 100 ppm (410 mg/m ³) | N/Av |
| Siloxanes and Silicones, diphenyl, methyl Ph, polymers with methyl phenyl silsesquioxanes | N/Av | N/Av | N/Av | N/Av |
| Methyl n-amyl ketone | 50 ppm | N/Av | 100 ppm ; 465 mg/m ³ | N/Av |
| Ethylbenzene | 20 ppm | N/Av | 100 ppm (435 mg/m ³) | N/Av |

Exposure controls

Ventilation and engineering measures

- : Use only outdoors or in a well-ventilated area. Apply technical measures to comply with the occupational exposure limits. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. Use explosion-proof equipment. In case of insufficient ventilation wear suitable respiratory equipment.

Respiratory protection

- : If engineering controls and work practices are not effective in controlling exposure to this material, then wear suitable approved respiratory protection. If the TLV is exceeded, a NIOSH/MSHA-approved respirator is advised. Respirators should be selected based on the form and concentration of contaminants in air, and in accordance with OSHA (29 CFR 1910.134) or CSA Z94.4-02.

Skin protection

- : Wear protective gloves. Where extensive exposure to product is possible, use resistant coveralls, apron and boots to prevent contact. The suitability for a specific workplace should be discussed with the producers of the protective gloves.

Eye / face protection

- : Chemical splash goggles are recommended.



Thurmalox 230C

SDS Preparation Date (mm/dd/yyyy): 12/17/2015

Page 6 of 13

SAFETY DATA SHEET

- Other protective equipment** : Ensure that eyewash stations and safety showers are close to the workstation location. Other equipment may be required depending on workplace standards.
- General hygiene considerations** : Avoid breathing vapour or mist. Avoid contact with skin, eyes and clothing. Do not eat, drink, smoke or use cosmetics while working with this product. Upon completion of work, wash hands before eating, drinking, smoking or use of toilet facilities. Remove and wash contaminated clothing before re-use. Do not take contaminated clothing home. Handle in accordance with good industrial hygiene and safety practice.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

- Appearance** : Dark gray liquid
- Odour** : Solvent odor.
- Odour threshold** : N/Av
- pH** : N/Av
- Melting/Freezing point** : N/Av
- Initial boiling point and boiling range** : 243.2-305.6°C (469.76 - 582.08°F)
- Flash point** : 57-125°C (134.6-257°F)
- Flashpoint (Method)** : Closed cup
- Evaporation rate (BuAe = 1)** : 0.065 times slower than n-Butyl acetate
- Flammability (solid, gas)** : N/Av
- Lower flammable limit (% by vol.)** : N/Av
- Upper flammable limit (% by vol.)** : N/Av
- Oxidizing properties** : None known.
- Explosive properties** : Not explosive
- Vapour pressure** : N/Av
- Vapour density** : >1
- Relative density / Specific gravity** : 1.165
- Solubility in water** : N/Av
- Other solubility(ies)** : N/Av
- Partition coefficient: n-octanol/water or Coefficient of water/oil distribution** : N/Av
- Auto-ignition temperature** : N/Av
- Decomposition temperature** : N/Av
- Viscosity** : 300 cSt at 40°C
- Volatiles (% by weight)** : 37.51%
- Volatile organic Compounds (VOC's)** : 3.49lbs/gal
- Absolute pressure of container** : N/Av
- Flame projection length** : N/Av
- Other physical/chemical comments** : None reported by the manufacturer.

SECTION 10. STABILITY AND REACTIVITY

- Reactivity** : Not normally reactive.
- Chemical stability** : Stable under normal conditions.



Thurmalox 230C

SDS Preparation Date (mm/dd/yyyy): 12/17/2015

Page 7 of 13

SAFETY DATA SHEET

Possibility of hazardous reactions

: Hazardous polymerization does not occur. May be sensitive to static discharge.

Conditions to avoid

: Keep away from heat, sparks and flame. Take precautionary measures against static discharge. Keep away from direct sunlight. Ensure adequate ventilation, especially in confined areas. Avoid contact with incompatible materials.

Incompatible materials

: Strong oxidizers, acids and bases.

Hazardous decomposition products

: None reported by the manufacturer. In the event of fire the following can be released:
Carbon oxides; Other unidentified organic compounds.

SECTION 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure:

Routes of entry inhalation : YES

Routes of entry skin & eye : YES

Routes of entry Ingestion : YES

Routes of exposure skin absorption

: NO

Potential Health Effects:

Signs and symptoms of short-term (acute) exposure

Sign and symptoms Inhalation

: May cause respiratory irritation. Symptoms may include sore throat, running nose and shortness of breath. Inhalation may cause headache, nausea and central nervous effects such as dizziness, coordination difficulties and unconsciousness.

Sign and symptoms ingestion

: Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Causes symptoms similar to those listed for inhalation.

Sign and symptoms skin

: This material is classified as hazardous under U.S. OSHA regulations (29CFR 1910.1200) (Hazcom 2012) and Canadian WHMIS regulations (Hazardous Products Regulations) (WHMIS 2015). Classification: Skin Irritation - Category 2 Causes skin irritation. Symptoms may include mild redness and swelling.

Sign and symptoms eyes

: This material is classified as hazardous under U.S. OSHA regulations (29CFR 1910.1200) (Hazcom 2012) and Canadian WHMIS regulations (Hazardous Products Regulations) (WHMIS 2015). Classification: Eye Damage/Irritation - Category 2B Causes eye irritation. Symptoms may include tearing, redness and discomfort.

Potential Chronic Health Effects

: Prolonged or repeated contact may cause drying, cracking and defatting of the skin.

Mutagenicity

: Not expected to be mutagenic in humans.

Carcinogenicity

: This material is classified as hazardous under U.S. OSHA regulations (29CFR 1910.1200) (Hazcom 2012) and Canadian WHMIS regulations (Hazardous Products Regulations) (WHMIS 2015). Classification: Carcinogenicity- Category 2 Suspected of causing cancer.

Reproductive effects & Teratogenicity

: This material is classified as hazardous under U.S. OSHA regulations (29CFR 1910.1200) (Hazcom 2012) and Canadian WHMIS regulations (Hazardous Products Regulations) (WHMIS 2015). Classification: Reproductive Toxicity - Category 2 Suspected of damaging the unborn child.

Sensitization to material

: Not expected to be a skin or respiratory sensitizer.



Thurmalox 230C

SDS Preparation Date (mm/dd/yyyy): 12/17/2015

Page 8 of 13

SAFETY DATA SHEET

Specific target organ effects : Eyes, skin, respiratory system, digestive system, central nervous system.

This material is classified as hazardous under U.S. OSHA regulations (29CFR 1910.1200) (Hazcom 2012) and Canadian WHMIS regulations (Hazardous Products Regulations) (WHMIS 2015).

Classification:

Specific Target Organ Toxicity, Single Exposure -Category 3 (respiratory) May cause respiratory irritation.

Specific Target Organ Toxicity, Single Exposure - Category 3 narcotic effects May cause drowsiness and dizziness.

Not classified as a specific target organ toxicity - repeated exposure.

Not classified as a specific target organ toxicity - repeated exposure.

Medical conditions aggravated by overexposure

: Pre-existing skin, eye, respiratory and central nervous system disorders.

Synergistic materials

: None reported by the manufacturer.

Toxicological data

: There is no available data for the product itself, only for the ingredients. See below for individual ingredient acute toxicity data. The calculated ATE values for this mixture are: ATE oral = 4798.17 mg/kg
 ATE dermal =16714.90 mg/kg
 ATE inhalation (vapours) = 34.42 mg/L

| <u>Chemical name</u> | <u>LC₅₀(4hr)</u> <u>inh, rat</u> | <u>LD₅₀</u> | |
|---|--|------------------------|-------------------------|
| | | <u>(Oral, rat)</u> | <u>(Rabbit, dermal)</u> |
| Xylene | 6350 ppm (27.6 mg/L) (vapours) | 3253 mg/kg | 12 180 mg/kg |
| Methyl isobutyl ketone | 3000 ppm (12.29 mg/L) (vapour) | 2080 mg/kg | > 3000 mg/kg |
| Siloxanes and Silicones, diphenyl, methyl Ph, polymers with methyl phenyl silsesquioxanes | N/Av | N/Av | N/Av |
| Methyl n-amyl ketone | >16 mg/L | 1670 mg/kg | 10,300 mg/kg |
| Ethylbenzene | 4000 ppm (17.4 mg/L) (vapour) | 3500 mg/kg | 15 380 mg/kg |

Other important toxicological hazards

: None known or reported by the manufacturer.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

: Should not be released into the environment. See the following tables for the substance's ecotoxicity data.



Thurmalox 230C

SDS Preparation Date (mm/dd/yyyy): 12/17/2015

SAFETY DATA SHEET

Ecotoxicity data:

| <u>Ingredients</u> | CAS No | Toxicity to Fish | | |
|---|------------|---------------------------|-------------------|----------|
| | | LC50 / 96h | NOEC / 21 day | M Factor |
| Xylene | 1330-20-7 | 8.2 mg/L (Rainbow trout) | N/Av | None. |
| Methyl isobutyl ketone | 108-10-1 | 780 mg/L (Fathead minnow) | N/Av | None. |
| Siloxanes and Silicones, diphenyl, methyl Ph, polymers with methyl phenyl silsesquioxanes | 68037-81-0 | N/Av | N/Av | None. |
| Methyl n-amyl ketone | 110-43-0 | 131 mg/L (Fathead minnow) | n/av | none |
| Ethylbenzene | 100-41-4 | 4.2 mg/L (Rainbow trout) | 1.13 mg/L/30 days | None. |

| <u>Ingredients</u> | CAS No | Toxicity to Daphnia | | |
|---|------------|---------------------------------|---------------|----------|
| | | EC50 / 48h | NOEC / 21 day | M Factor |
| Xylene | 1330-20-7 | 3.2 - 9.56 mg/L (Daphnia magna) | N/Av | None. |
| Methyl isobutyl ketone | 108-10-1 | > 200 mg/L (Daphnia magna) | 30 mg/L | None. |
| Siloxanes and Silicones, diphenyl, methyl Ph, polymers with methyl phenyl silsesquioxanes | 68037-81-0 | N/Av | N/Av | None. |
| Methyl n-amyl ketone | 110-43-0 | n/av | n/av | none |
| Ethylbenzene | 100-41-4 | 1.81 mg/L (Daphnia magna) | N/Av | None. |

| <u>Ingredients</u> | CAS No | Toxicity to Algae | | |
|---|------------|-----------------------------------|-------------------|----------|
| | | EC50 / 96h or 72h | NOEC / 96h or 72h | M Factor |
| Xylene | 1330-20-7 | 3.2 - 4.9 mg/L/72hr (Green algae) | N/Av | None. |
| Methyl isobutyl ketone | 108-10-1 | 400 mg/L/96hr (Green algae) | N/Av | None. |
| Siloxanes and Silicones, diphenyl, methyl Ph, polymers with methyl phenyl silsesquioxanes | 68037-81-0 | N/Av | N/Av | None. |
| Methyl n-amyl ketone | 110-43-0 | 75.5 mg/L (Green algae) | n/av | none |
| Ethylbenzene | 100-41-4 | 3.6 mg/L/96hr (Green algae) | 3.4 mg/L/96hr | None. |

Persistence and degradability

: No data is available on the product itself.

Bioaccumulation potential

: No data is available on the product itself.



Thurmalox 230C

SDS Preparation Date (mm/dd/yyyy): 12/17/2015

Page 10 of 13

SAFETY DATA SHEET

| <u>Components</u> | <u>Partition coefficient n-octanol/water (log Kow)</u> | <u>Bioconcentration factor (BCF)</u> |
|--|--|--------------------------------------|
| Xylene (CAS 1330-20-7) | 3.12 - 3.2 | 0.6 - 15 |
| Methyl isobutyl ketone (CAS 108-10-1) | 1.31 | 3.98 |
| Siloxanes and Silicones, diphenyl, methyl Ph, polymers with methyl phenyl silsesquioxanes (CAS 68037-81-0) | N/Av | N/Av |
| Methyl n-amyl ketone (CAS 110-43-0) | 1.98 | |
| Ethylbenzene (CAS 100-41-4) | 3.15 | 15 species: fish |

Mobility in soil : No data is available on the product itself.

Other Adverse Environmental effects

: None known or reported by the manufacturer.




SECTION 13. DISPOSAL CONSIDERATIONS

Handling for Disposal : Handle in accordance with good industrial hygiene and safety practice. Refer to protective measures listed in sections 7 and 8.

Methods of Disposal : Dispose in accordance with all applicable regulations.

RCRA : If this product, as supplied, becomes a waste in the United States, it may meet the criteria of a hazardous waste as defined under RCRA, Title 40 CFR 261. It is the responsibility of the waste generator to determine the proper waste identification and disposal method. For disposal of unused or waste material, check with local, state and federal environmental agencies.

SECTION 14. TRANSPORTATION INFORMATION

| Regulatory Information | UN Number | UN proper shipping name | Transport hazard class(es) | Packing Group | Label |
|---|--|---|----------------------------|---------------|---|
| 49CFR/DOT | UN1263 | PAINT | 3 | III |  |
| 49CFR/DOT Additional information | When transported as a limited quantity the maximum net capacity specified in 173.150(b)(2) of the subchapter 49CFR for inner packagings may be increased to 5L (1.3 gallons) 172.102(C)(1)(149) special provision 149. | | | | |
| TDG | UN1263 | PAINT | 3 | III |  |
| TDG Additional information | May be shipped as Limited Quantity when transported in containers no larger than 5.0 Litres; in packages not exceeding 30 kg gross mass. ERG #128 | | | | |
| IMDG | UN1263 | PAINT (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid laquer base) | 3 | III |  |
| IMDG Additional information | May be shipped as a Limited Quantity when transported in containers no larger than 5 L (1.3 gallons); in packages not exceeding 30 kg (66 pounds) gross mass. May be shipped as Limited Quantity when transported in containers no larger than 5.0 kg (11 lbs); in packages not exceeding 30 kg (66 lbs) gross mass. | | | | |



Thurmalox 230C

SDS Preparation Date (mm/dd/yyyy): 12/17/2015

Page 11 of 13

SAFETY DATA SHEET

| | | | | | |
|----------------------------------|---|-------|---|-----|--|
| ICAO/IATA | UN1263 | Paint | 3 | III | |
| ICAO/IATA Additional information | Refer to the ICAO/IATA Packing instruction. | | | | |

Special precautions for user : Keep away from heat, sparks and open flame. - No smoking.

Environmental hazards : See ECOLOGICAL INFORMATION, Section 12.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

: Not available.

SECTION 15 - REGULATORY INFORMATION

US Federal Information:

Components listed below are present on the following U.S. Federal chemical lists:

| Ingredients | CAS # | TSCA Inventory | CERCLA Reportable Quantity(RQ) (40 CFR 117.302): | SARA TITLE III: Sec. 302, Extremely Hazardous Substance, 40 CFR 355: | SARA TITLE III: Sec. 313, 40 CFR 372, Specific Toxic Chemical | |
|---|------------|----------------|--|--|---|--------------------------|
| | | | | | Toxic Chemical | de minimus Concentration |
| Xylene | 1330-20-7 | Yes | 100 lb/ 45.4 kg | None. | Yes | 1% |
| Methyl isobutyl ketone | 108-10-1 | Yes | 5000 lb/ 2270 kg | None. | Yes | 1% |
| Siloxanes and Silicones, diphenyl, methyl Ph, polymers with methyl phenyl silsesquioxanes | 68037-81-0 | Yes | N/Ap | N/Av | No | N/Ap |
| Methyl n-amyl ketone | 110-43-0 | Yes | N/Ap | N/Av | No | N/Ap |
| Ethylbenzene | 100-41-4 | Yes | 1000 lb/ 454 kg | None. | Yes | 0.1% |

SARA TITLE III: Sec. 311 and 312, SDS Requirements, 40 CFR 370 Hazard Classes: Fire Hazard; Acute Health Hazard; Chronic Health Hazard. . Under SARA Sections 311 and 312, the EPA has established threshold quantities for the reporting of hazardous chemicals. The current thresholds are 500 pounds for the threshold planning quantity (TPQ), whichever is lower, for extremely hazardous substances and 10,000 pounds for all other hazardous chemicals.

US State Right to Know Laws:

The following chemicals are specifically listed by individual States:

| Ingredients | CAS # | California Proposition 65 | | State "Right to Know" Lists | | | | | |
|---|------------|---------------------------|-----------------------|-----------------------------|-----|-----|-----|-----|-----|
| | | Listed | Type of Toxicity | CA | MA | MN | NJ | PA | RI |
| Xylene | 1330-20-7 | No | N/Ap | Yes | Yes | Yes | Yes | Yes | Yes |
| Methyl isobutyl ketone | 108-10-1 | Yes | Cancer; Developmental | Yes | Yes | Yes | Yes | Yes | Yes |
| Siloxanes and Silicones, diphenyl, methyl Ph, polymers with methyl phenyl silsesquioxanes | 68037-81-0 | No | N/Ap | No | No | No | No | No | No |
| Methyl n-amyl ketone | 110-43-0 | No | N/Ap | Yes | Yes | Yes | Yes | Yes | Yes |
| Ethylbenzene | 100-41-4 | Yes | Cancer | Yes | Yes | Yes | Yes | Yes | Yes |



Thurmalox 230C

SDS Preparation Date (mm/dd/yyyy): 12/17/2015

Page 12 of 13

SAFETY DATA SHEET

Canadian Information:

Canadian Environmental Protection Act (CEPA) information: All ingredients listed appear on the Domestic Substances List (DSL).

WHMIS Classification: See Section 2.

International Information:

Components listed below are present on the following International Inventory list:

| Ingredients | CAS # | European EINECS | Australia AICS | Philippines PICCS | Japan ENCS | Korea KECI/KECL | China IECSC | NewZealand IOC |
|---|------------|-----------------|----------------|-------------------|----------------|-----------------|-------------|---------------------------|
| Xylene | 1330-20-7 | 215-535-7 | Present | Present | (3)-60; (3)-3 | KE-35427 | Present | HSR000983 |
| Methyl isobutyl ketone | 108-10-1 | 203-550-1 | Present | Present | (2)-542 | KE-24725 | Present | HSR001194 |
| Siloxanes and Silicones, diphenyl, methyl Ph, polymers with methyl phenyl silsesquioxanes | 68037-81-0 | N/Av | Present | Present | (7)-474 | KE-31217 | Present | No information available. |
| Methyl n-amyl ketone | 110-43-0 | 203-767-1 | Present | Present | Not listed | Not listed | Present | Not listed |
| Ethylbenzene | 100-41-4 | 202-849-4 | Present | Present | (3)-60; (3)-28 | KE-13532 | Present | HSR001151 |

SECTION 16. OTHER INFORMATION

Legend

: ACGIH: American Conference of Governmental Industrial Hygienists
AICS: Australian Inventory of Chemical Substances
CA: California
CAS: Chemical Abstract Services
CERCLA: Comprehensive Environmental Response, Compensation, and Liability Act of 1980
CFR: Code of Federal Regulations
CSA: Canadian Standards Association
DOT: Department of Transportation
EC50: Effective Concentration 50%.
EINECS: European Inventory of Existing Commercial chemical Substances
ENCS: Existing and New Chemical Substances
EPA: Environmental Protection Agency
HMIS: Hazardous Materials Identification System
HSDB: Hazardous Substances Data Bank
IARC: International Agency for Research on Cancer
IECSC: Inventory of Existing Chemical Substances
IMDG: International Maritime Dangerous Goods
Inh: Inhalation
KECI: Korean Existing Chemicals Inventory
KECL: Korean Existing Chemicals List
LC: Lethal Concentration
LD: Lethal Dose
N/Av: Not Applicable
N/Av: Not Available
NFPA: National Fire Protection Association
NJ: New Jersey
NIOSH: National Institute of Occupational Safety and Health
NOEC: No observable effect concentration
NTP: National Toxicology Program
OECD: Organisation for Economic Co-operation and Development
OSHA: Occupational Safety and Health Administration
PA: Pennsylvania



Dampney Company, Inc.
 85 Paris Street
 Everett, Massachusetts, U.S.A.02149
 Email: sales@dampney.com
 Telephone: (617) 389 2805

Thurmalox 230C

SDS Preparation Date (mm/dd/yyyy): 12/17/2015

Page 13 of 13

SAFETY DATA SHEET

PEL: Permissible exposure limit
 PICCS: Philippine Inventory of Chemicals and Chemical Substances
 RCRA: Resource Conservation and Recovery Act
 RTECS: Registry of Toxic Effects of Chemical Substances
 SARA: Superfund Amendments and Reauthorization Act
 STEL: Short Term Exposure Limit
 TDG: Canadian Transportation of Dangerous Goods Act & Regulations
 TLV: Threshold Limit Values
 TPQ: Threshold Planning Quantity
 TSCA: Toxic Substance Control Act
 TWA: Time Weighted Average
 WHMIS: Workplace Hazardous Materials Identification System

References

: Canadian Centre for Occupational Health and Safety, CCIInfoWeb databases, 2015 (Chempendium, RTECs, HSDB, INCHEM).
 OECD- The Global Portal to Information on Chemical Substances - eChemPortal, 2015
 European Chemicals Agency, Classification Legislation, 2015
 Material Safety Data Sheet from manufacturer.

Preparation Date (mm/dd/yyyy)

: 12/17/2015

Other special considerations for handling

: Provide adequate information, instruction and training for operators.

| | |
|--|--|
| <p>Prepared for: Dampney Company, Inc. 85 Paris Street Everett MA 02149 U.S.A Telephone: (617) 389-2805 Please direct all inquiries to Dampney Company.</p> |  |
| <p>Prepared by: ICC The Compliance Center Inc. Telephone: (888) 442-9628 (U.S.); (888) 977-4834 (Canada) http://www.thecompliancecenter.com</p> |  |

DISCLAIMER

This Safety Data Sheet was prepared by ICC The Compliance Center Inc using information provided by / obtained from Dampney Company, Inc and CCOHS' Web Information Service. The information in the Safety Data Sheet is offered for your consideration and guidance when exposed to this product. ICC The Compliance Center Inc and Dampney Company, Inc expressly disclaim all expressed or implied warranties and assume no responsibilities for the accuracy or completeness of the data contained herein. The data in this SDS does not apply to use with any other product or in any other process.

This Safety Data Sheet may not be changed, or altered in any way without the expressed knowledge and permission of ICC The Compliance Center Inc and Dampney Company, Inc.

END OF DOCUMENT