



THE BEST CORROSION CONTROL PERFORMANCE, GUARANTEED!

MATERIAL SAFETY DATA SHEET

Section I – Material identification and use

| | | | | | |
|------------------|------------------------------|-------------|----------|---------------|---------------|
| Product code: | TRT01 | Health: | Moderate | Whmis Class: | B3 D2B |
| Product name: | Termarust Thinner | Fire: | Moderate | TDG Class: | 3 |
| Chemical family: | Organic solvent | Reactivity: | Minimal | TDG UN: | 1263 |
| Product use: | Thinner and cleaning solvent | | | Revision Date | April 1, 2014 |

Section II – Hazardous ingredients of material

| Hazardous ingredients | Concentration % | C.A.S. Num. | LD50 Oral rat & dermal rabbit | LC50 Inhalation rate PPM/H |
|-----------------------|-----------------|-------------|-------------------------------|----------------------------|
| Mineral spirits | 60.0 -100% | 64742-88-7 | 5600 mg/kg 3160 mg/kg | 51000/4 |

Section III – Physical data for material

| | | | | | |
|--|--------|-------------------|---------------|----------------------|--------|
| Physical state: | Liquid | Specific gravity: | 0.720 - 0.800 | Vapor pressure (mm): | 2.00 |
| Odor: | light | Relative Density | .763 - .813 | Vapor density: | 4.80 |
| PH: | N/A | % Volatile/Volume | 60.0 – 100% | Heavier than air | |
| Coefficient of water/oil distribution: | N/A | | | Boiling point (°C): | 150.00 |
| Evaporation rate (nBu Ac=1): | 0.13 | | | Freezing point (°C): | N/A |

Section IV – Fire and explosion hazard of material

Flammability: Yes, by open flame, sparks, excessive heat, smoking and other sources of ignition.

Note: Vapor may travel some distance to a source of ignition and flash back along the vapor trail.

Means of extinction: Dry chemical, carbon dioxide, foam, water fog.

Special procedures: Do not enter confined fire space without adequate protective clothing and an approved positive self-contained breathing apparatus. Exclude air. Do not use water except as a fog. Use water to cool fire exposed containers.

Explosion: Vapor forms explosive mixture with air between upper and lower flammable limits.

Flash point: (°C) and method: 42.00

Upper explosion limit (% by volume): 5.00

Spontaneous Combustion(°C): N/A

Lower explosion limit (% by volume): 0.80

Sensitivity to mechanical impact: None

Sensitivity to static discharge: Yes

Section V – Toxicological properties of material

Exposure limits (TLV ppm) : 100.00

Irritancy of material : Slight to moderate skin irritant

CARCINOGENIC, POSSIBLE FOETUS MALFORMATION AND MUTATION: No adverse effects are anticipated.

Emergency telephone number: Canutec (613) 996-6666, Termarust Technical Department (514) 354-1376

Section V– Toxicological properties of material (cont'd)

Route of entry : Skin contact, skin absorption, inhalation acute, ingestion

Effects of acute exposure to material : Direct contact with skin may cause drying and cracking. Contact with eyes may cause conjunctivitis, irritation, and inflammation of mucous membranes. Inhaled, may cause irritation of eyes, nose, throat, and respiratory tract. Ingestion may cause irritation of mucous membranes of mouth and throat.

Effects of chronic exposure to material : Prolonged or repeated skin contact may cause drying resulting in irritation and possible dermatitis. Prolonged exposure to high vapor concentration can cause headache, dizziness, nausea, depression and narcosis. Ingestion may cause nausea, vomiting and/or diarrhea.

Section VI– Reactivity data

Chemical stability : Yes

Incompatibility with other substances : Yes, with strong Oxidizing agents, mineral acids

Reactivity and under what conditions : Avoid excessive heat, open flame, spark and all ignition sources

Hazardous decomposition products : Carbon monoxide and Carbon dioxide when heated

Section VII – Preventive measures, Personal protective equipment

Gloves : Impervious (Nitrile, PVC) **Eyes :** Chemical safety goggles or full face shield

Respiratory : Wear a CSA approved respirator

Other : Where the risk of skin exposure is higher, impervious clothing should be worn. A positive demand, self-contained or airline breathing apparatus for extremely high concentrations.

Engineering controls : Local and mechanical ventilation to maintain below LEL and TLV values

Leak and spill procedure : Eliminate all sources of ignition. Prevent from entering water sources or sewers. Ventilate enclosed spaces. **Large spills:** Warn public of potential down wind explosion hazard due to flash back of flammable vapors. Contain by dyking. Recover product and collect contaminated soil or water for treatment and/or disposal. **Small spills :** Contain by applying absorbent. Collect waste absorbent and contaminated soil for disposal. Notify appropriate environmental agency.

Waste disposal : Reclaim or dispose of waste material in an approved incinerator or waste treatment disposal facility in accordance with applicable regulations by the environmental authority.

Handling procedures and equipment : Flammable. Avoid breathing vapors and prolonged or repeated contact with skin. Launder contaminated clothing. Use good personal hygiene. Ground equipment. Use sparks resistant tools. Avoid splash filling.

Storage requirement : Keep container closed. Store in a cool, dry, well-ventilated area, away from heat and ignition sources.

Special shipping information : Handle as flammable liquid.

Section VIII – First aid measures

Inhaled : Remove to fresh air. If not breathing give artificial respiration. Obtain medical attention immediately

Skin contact : Flush affected areas with mild soap and water. Remove contaminated clothing

Eye contact : Flush eyes with water for at least 15 minutes holding eyelids open. Obtain medical attention immediately.

Ingestion : Do not induce vomiting. Obtain medical attention immediately.

Additional information : If accidentally ingested or inhaled, liquid can produce chemical pneumonia. Cardiac arrhythmia has been reported with solvent exposure.

Section IX – Preparation of M.S.D.S.

Additional notes or references :

N/A = not or none available

OSHA = Occupational Safety and Health Administration

IARC = International Agency for Research on Cancer

ACGIH = American Conference of Governmental Industrial Hygienists

We believe that the information contained herein is current as of the date of this Material Safety Data Sheet. Since the use of this information and the conditions of the use of the product are beyond the control of the company, it is the user's responsibility to establish conditions for safe use of the product.