



XCEL THERM[®] 550 Heat Transfer Oil MSDS

MANUFACTURER/SUPPLIER:
RADCO INDUSTRIES, INCORPORATED
P.O. Box 305
LaFox IL 60147

REVISION DATE: 9/02/2010

EMERGENCY HEALTH INFORMATION: (630) 232-7966
EMERGENCY SPILL INFORMATION: (630) 232-7966

IMPORTANT COMPONENTS:

Hydroprocessed mineral oil (CAS: 8042-47-5)

WARNING STATEMENT: This product has been evaluated and does not require any hazard warning label under the OSHA Hazard Communication Standard.

HMIS/NFPA CODES: (HEALTH; 0) (FLAMMABILITY; 1) (REACTIVITY; 0)

APPEARANCE AND ODOR: Water white liquid, mild odor

-----**HEALTH HAZARD INFORMATION**-----

EYE

EFFECT: No significant health hazards identified.
FIRST AID: Flush eyes with plenty of water.
PROTECTION: None required; however, use of eye protection is good industrial practice.

SKIN

EFFECT: None expected for short term exposure. Prolonged contact may cause some irritation.
FIRST AID: None required.
PROTECTION: Wear protective gloves if prolonged contact is likely.

INHALATION

EFFECT: No significant health hazards identified.
FIRST AID: If adverse effects occur, remove to uncontaminated area. Get medical attention.
PROTECTION: None required; however, use of adequate ventilation is good industrial practice.

Emergency Phone Numbers:

For chemical emergency, spill, leak, fire exposure, accident or medical emergency, call CHEMTREC:
North America 1-800-424-9300
International +1 703-527-3887
For shipping emergency or off-hours rush orders call:
1-630-232-7966 or 1-630-336-6728

MSDS/Xceltherm@550

INGESTION

EFFECT: No significant health hazards identified.

FIRST AID: If a large amount is swallowed, induce vomiting, get medical attention.

-----FIRE AND EXPLOSION INFORMATION-----

FLASHPOINT: 350°F, (177°C), Minimum (COC)

EXTINGUISHING MEDIA: Agents approved for Class B hazards (e.g., dry chemical, carbon dioxide, halogenated agents, foam, steam) or water fog.

-----REACTIVITY INFORMATION-----

DANGEROUS REACTIONS: None identified

HAZARDOUS DECOMPOSITION: Incomplete burning can produce carbon monoxide and/or carbon dioxide and other harmful products.

STABILITY: Stable.

-----CHEMICAL AND PHYSICAL PROPERTIES-----

SOLUBILITY IN WATER: Negligible, below 0.1%

SPECIFIC GRAVITY (WATER = 1): 0.845

VISCOSITY: 75 - 100 SUS @ 100°F

POUR POINT: 16°F, (-9°C)

-----STORAGE AND ENVIRONMENTAL PROTECTION-----

STORAGE REQUIREMENTS: No special requirements.

SPIILLS AND LEAKS: Contain on an absorbent material (e.g., sand, sawdust, dirt, clay).

WASTE DISPOSAL: Disposal must be in accordance with applicable Federal, State, or Local regulations.

-----TOXICOLOGICAL INFORMATION-----

EYE: A similar material produced a primary eye irritation score of 0.7/110; 24 hour (rabbit).

SKIN: A similar material produced a primary dermal irritation score of 1.7/8.0. A similar material had a LD50 greater than 2 g/kg. A representative mineral oil was not carcinogenic to the skin of mice in a two year study.

INGESTION: A similar material had a LD50 greater than 5 g/kg. (Rats).

No component of this product is identified as a carcinogen by NTP, IARC, or OSHA.

-----**REGULATORY INFORMATION**-----

CERCLA REPORTABLE QUANTITY: This product is not reportable under 40 CFR Part 302.4.

DOT PROPER SHIPPING NAME: Not regulated.

OSHA HAZARD COMMUNICATION STANDARD: Listed by ACGIH.

RCRA STATUS: This product is not subject to the 40 CFR Part 268.30 land ban on the disposal of certain hazardous wastes.

TSCA STATUS: All of the components of this product are listed on the TSCA Inventory.

-----**SUPPLEMENTAL INFORMATION**-----

WARNING: "Empty" containers retain residue (liquid and/or vapor) and can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, or other sources of ignition; they may explode and cause injury or death. Do not attempt to clean since residue is difficult to remove and even a trace of remaining material constitutes as explosive hazard. "Empty" drums should be completely drained, properly bunged, and promptly returned to a drum recycler. All other containers should be disposed of in an environmentally safe manner and in accordance with governmental regulations.

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