

XCEL THERM[®] 550 Heat Transfer Oil MSDS

MANUFACTURER/SUPPLIER:

RADCO INDUSTRIES, INCORPORATED
P.O. Box 305
LaFox IL 60147

www.Xceltherm.com

REVISION DATE: 10/01/2005

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.

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.

THIS INFORMATION RELATES TO THE SPECIFIC MATERIAL DESIGNATED AND MAY NOT BE VALID FOR SUCH MATERIAL USED IN COMBINATION WITH ANY OTHER MATERIALS OR IN ANY PROCESS. SUCH INFORMATION STATED IS TO THE BEST OF RADCO=S KNOWLEDGE AND BELIEF, ACCURATE AND RELIABLE AS OF THE DATE COMPILED. HOWEVER, NO REPRESENTATION, WARRANTY OR GUARANTEE IS MADE TO ITS ACCURACY, RELIABILITY, OR COMPLETENESS, AND RADCO DOES NOT ACCEPT LIABILITY FOR ANY LOSS OR DAMAGE THAT MAY OCCUR FROM THE USE OF THIS INFORMATION. FINAL DETERMINATION OF SUITABILITY OF ANY MATERIAL IS THE SOLE RESPONSIBILITY OF THE USER. ALL MATERIAL SHOULD BE USED WITH CAUTION TO GUARD AGAINST UNKNOWN HAZARDS. ALTHOUGH CERTAIN HAZARDS ARE DESCRIBED HEREIN, RADCO DOES NOT GUARANTEE THAT THESE ARE THE ONLY HAZARDS THAT EXIST.

[®] Indicates a registered trademark of **Radco Industries, Inc.**