Material Safety Data Sheet
ES THREAD COMPOUND

Material Identification and Use

MANUFACTURER'S NAME ............................................ Control Chemical (1989) Corporation
MANUFACTURER'S ADDRESS ...................................... 7016 30 Street SE Calgary, Alberta, Canada T2C 1N9
EMERGENCY PHONE NUMBER ................................. (403) 720-7044
SUPPLIER IDENTIFIER....................................................
SUPPLIER'S ADDRESS.....................................................
SUPPLIER EMERGENCY PHONE NUMBER.................
PRODUCT IDENTIFIER.................................................... E.S. THREAD COMPOUND
PRODUCT USE .............................................................. Tool Joint Thread Compound

Hazardous Ingredients of Materials

Chemical Identity | Concentration | CAS#/NA#/UN# | LD(50) | LC(50)
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This is not a WHMIS controlled product.

Physical Data For Product

PHYSICAL STATE ............................................................ Grease
ODOUR AND APPEARANCE ............................................. Brown grease with oil odor
ODOUR THRESHOLD ...................................................... Not Applicable
SPECIFIC GRAVITY ......................................................... 0.99
VAPOUR PRESSURE ...................................................... Not Applicable
VAPOUR DENSITY (air=1) ............................................. Not Applicable
EVAPORATION RATE ..................................................... Not Applicable
BOILING POINT .......................................................... Not Applicable
FREEZING POINT .......................................................... Not Applicable
pH ................................................................................ Not Applicable
DENSITY (g/ml) ............................................................. Not Applicable
COEFFICIENT OF WATER/OIL DISTRIBUTION........... Not Applicable

Fire and Explosion Hazard of Product

CONDITIONS OF FLAMMABILITY ................................ Not Applicable
MEANS OF EXTINCTION ................................................ Dry Chemical, Waterfog, CO2, Foam, Sand or Earth.
Wear self contained breathing apparatus when fighting fires in confined spaces. Water spray is an unsuitable extinguishing agent.
FLASHPOINT AND METHOD OF DETERMINATION . 175 DEG. C. (ASTM D92)
UPPER EXPLOSION LIMIT(% BY VOL) ...................... Not Available
LOWER EXPLOSION LIMIT(% BY VOL) ....................... Not Available
AUTO-IGNITION TEMPERATURE ............................... Not Available
FLAMMABILITY CLASSIFICATION .............................
HAZARDOUS COMBUSTION PRODUCTS....................
EXPLOSION DATA ....................................................... Not Applicable
SENSITIVITY TO STATIC DISCHARGE ......................

Reactivity Data

CHEMICAL STABILITY ............................................... Stable
INCOMPATIBLE MATERIALS ........................................... Keep away from strong oxidizers, excessive heat and open flames.
CONDITIONS OF REACTIVITY ....................................... Not Available
HAZARDOUS DECOMPOSITION PRODUCTS .......... CO2, CO and oxides of sulfur are generated on combustion.
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Toxicological Properties of Product

<table>
<thead>
<tr>
<th>ROUTES OF ENTRY</th>
<th>ACUTE OVER EXPOSURE EFFECTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>SKIN CONTACT</td>
<td>Low order of toxicity and irritancy. May cause skin and eye irritation with prolonged contact.</td>
</tr>
<tr>
<td>SKIN ABSORPTION</td>
<td>N/A</td>
</tr>
<tr>
<td>EYE</td>
<td>Yes</td>
</tr>
<tr>
<td>INHALATION</td>
<td>N/A</td>
</tr>
<tr>
<td>INGESTION</td>
<td>N/A</td>
</tr>
</tbody>
</table>

CHRONIC OVER EXPOSURE EFFECTS: Not Available

EXPOSURE LIMITS: Not Available

IRRITANCY OF PRODUCT: May cause skin and eye irritation with prolonged contact.

SENSITIZATION TO MATERIAL: Not Applicable

CARCINOGENICITY, REPRODUCTIVE EFFECTS: Not Applicable

TERATOGENICITY, MUTAGENICITY: Not Applicable

TOXICOLOGICALLY SYNERGISTIC PRODUCTS: Not Applicable

Preventive Measures

PERSONAL PROTECTIVE EQUIPMENT: Safety glasses with side shields.

SPECIFIC ENGINEERING CONTROLS: Shut off leak and dike up large spills. Absorb with an inert material such as earth, sand or vermiculite.

LEAK AND SPILL PROCEDURES: Dipose of in accordance with all applicable Federal/Provincial/Local regulations.

HANDLING PROCEDURES AND EQUIPMENT: Keep away from strong oxidizers, excessive heat and open flames.

STORAGE REQUIREMENTS: Not Applicable. WHMIS Hazard Class -- Not Regulated

First Aid Measures

SPECIFIC FIRST AID PROCEDURES: Eyes: Flush with water for 15 minutes - call a physician. Skin Contact: Wash thoroughly with soap and water. Inhalation: Not applicable due to low volatility of product. Ingestion: Call a physician immediately.

Preparation Date of Material Safety Data Sheet

PREPARED BY: Safety Committee
PHONE NUMBER OF PREPARER: 403-720-7044
DATE PREPARED: January 2, 2010

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