1. Identification

1.1. Product identifier
Product Identity: SWT 7253
Alternate Names: Product Name: Hot Melt Pipe Coating
Generic Class: Hot Melt Pipe Coating

1.2. Relevant identified uses of the substance or mixture and uses advised against
Intended use: See Technical Data Sheet.
Application Method: See Technical Data Sheet.

1.3. Details of the supplier of the safety data sheet
Company Name: SWT Group
1591 Kildare Road
Windsor, ON, N8W 2W2
Canada

Emergency
24 hour Emergency Telephone No.: (519) 967-0020
Customer Service: SWT Group (519) 967-0020

2. Hazard(s) identification

2.1. Classification of the substance or mixture
No applicable GHS categories.

2.2. Label elements
Using the Toxicity Data listed in section 11 and 12 the product is labeled as follows.
No applicable GHS categories.

[Prevention]:
No GHS prevention statements

[Response]:
No GHS response statements

[Storage]:
No GHS storage statements

[Disposal]:
No GHS disposal statements
3. Composition/information on ingredients

This product contains the following substances that present a hazard within the meaning of the relevant State and Federal Hazardous Substances regulations.

<table>
<thead>
<tr>
<th>Ingredient/Chemical Designations</th>
<th>Weight %</th>
<th>GHS Classification</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Residual oils (petroleum), solvent deasphalted; Baseoil- unspecified</td>
<td>75 - 100</td>
<td>Not Classified</td>
<td>[1]</td>
</tr>
<tr>
<td>CAS Number: 0064741-95-3</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

In accordance with paragraph (i) of §1910.1200, the specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

[1] Substance classified with a health or environmental hazard.

*The full texts of the phrases are shown in Section 16.

4. First aid measures

4.1. Description of first aid measures

General
In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.

Inhalation
Move the victim to fresh air. If breathing is difficult give oxygen. If breathing has stopped give artificial respiration. Seek immediate medical attention.

Eyes
Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart and seek medical attention.

Skin
If hot material strikes the skin, immediately drench or immerse in cool water. Do not attempt to remove asphalt from burn after it has cooled, seek immediate medical attention. In non-burn situations wash with baby oil and/or mild non-abrasive soap for at least 15 minutes. Use warm water. Remove contaminated clothing and discard. If the irritation persists repeat the washing procedure. Seek medical attention.

Ingestion
Do not induce vomiting! If conscious give large quantities of water. Keep the victim warm and quiet. Seek immediate medical attention. Should vomiting occur, lean the victim over to reduce the risk of aspiration.

4.2. Most important symptoms and effects, both acute and delayed

Overview
EFFECTS OF OVER EXPOSURE
INHALATION: Excessive exposure to vapors may be irritating to the nose, throat, upper respiratory tract and lungs. Excessive exposure can result in headaches, dizziness, nausea, and narcotic effects; it can be defined as inadequate ventilation for extended periods of time. May release hydrogen sulfide gas which is highly toxic.

EYE CONTACT: Splash of the liquid or concentrated vapors may cause severe eye irritation. Severe injuries may result of repeated or prolonged contact. Injuries to the eye may be permanent if not treated immediately.

SKIN CONTACT: Contact with hot product may cause thermal burns of varying degree. Prolonged unprotected contact may cause redness, irritation to the skin, sensitivity and dermatitis.
INGESTION: If swallowed, this product may cause vomiting, nausea and diarrhea and may be harmful if swallowed in very large amounts.
CHRONIC EXPOSURE: Prolonged skin contact may cause dermatitis.

5. Fire-fighting measures

5.1. Extinguishing media
Dry chemical, CO₂, alcohol resistant foam

5.2. Special hazards arising from the substance or mixture

5.3. Advice for fire-fighters
Vapors form flammable mixtures with air. Hot asphalt may ignite flammable materials on contact. Hydrogen sulfide may be released when product is heated. Do not direct water on hot asphalt, as it may cause violent eruptions and spreading.
Treat as a highly flammable fuel oil fire. Wear self-contained breathing apparatus and complete protective clothing (full protective bunker turnout gear). Evacuate area and fight fire from a safe distance.

ERG Guide No. 128

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures
Put on appropriate personal protective equipment (see section 8).

6.2. Environmental precautions
Do not allow spills to enter drains or waterways.
Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

6.3. Methods and material for containment and cleaning up
Remove any sources of ignition and avoid prolonged breathing of vapor when performing any clean up of spills. Ventilate the area. Absorb the spill by using an inert material (sand, earth, vermiculate, etc.). Transfer the absorbed material into a waste container. Handle as a flammable asphalt material/liquid.
Prevent the product or any wash waters from entering the water systems or sewers. Wear a NIOSH/OSHA approved organic vapor canister respirator. Wear protective clothing such as safety eyewear, overalls, impervious boots, and chemical resistant gloves.
7. Handling and storage

7.1. Precautions for safe handling
Always ground the containers when transferring or mixing.

7.2. Conditions for safe storage, including any incompatibilities
Handle containers carefully to prevent damage and spillage.

Incompatible materials: Do not allow hot asphalt to contact water. Avoid contact with strong oxidizers.
Store in a cool, dry, well-ventilated area. Keep away from direct sunlight, high heat, incompatible materials and any sources of ignition.

7.3. Specific end use(s)
No data available.

8. Exposure controls and personal protection

8.1. Control parameters

<table>
<thead>
<tr>
<th>Exposure</th>
<th>CAS No.</th>
<th>Ingredient</th>
<th>Source</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0064741-95-3</td>
<td>Residual oils (petroleum), solvent deasphalted; Baseoil-unspecified</td>
<td>OSHA</td>
<td>No Established Limit</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>ACGIH</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>NIOSH</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Supplier</td>
</tr>
</tbody>
</table>

Contains mineral oil. The exposure limits for oil mist are 5 mg/m$^3$ OSHA PEL and 10 mg/m$^3$ ACGIH.

8.2. Carcinogen Data

<table>
<thead>
<tr>
<th>CAS No.</th>
<th>Ingredient</th>
<th>Source</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>0064741-95-3</td>
<td>Residual oils (petroleum), solvent deasphalted; Baseoil-unspecified</td>
<td>OSHA</td>
<td>Select Carcinogen: No</td>
</tr>
<tr>
<td></td>
<td></td>
<td>NTP</td>
<td>Known: No; Suspected: No</td>
</tr>
<tr>
<td></td>
<td></td>
<td>IARC</td>
<td>Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;</td>
</tr>
</tbody>
</table>

8.2. Exposure controls

Respiratory
Avoid breathing the vapor. Use an organic vapor mask under normal conditions and use a NIOSH/OSHA approved organic vapor canister respirator when exposure levels are exceeded.
Use adequate ventilation. Engineering: provide sufficient ventilation to control the exposure levels below limits.

Eyes
Wear anti-splash chemical goggles with side shields or wear a full face shield. Contact lenses should not be worn when working around organic solvents.

Skin
Protective clothing as necessary to prevent wetting of the skin.

Engineering Controls
Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapor below occupational exposure limits suitable respiratory protection must be worn.
Other Work Practices  Avoid repeated or prolonged contact with the skin. If rags are used with this product as a cleaning purpose, discard them into a water filled container after use. Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

See section 2 for further details. - [Prevention]:

9. Physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Brown to Black Solid</td>
</tr>
<tr>
<td>Odor</td>
<td>Not specified</td>
</tr>
<tr>
<td>Odor threshold</td>
<td>Not determined</td>
</tr>
<tr>
<td>pH</td>
<td>Not Measured</td>
</tr>
<tr>
<td>Melting point / freezing point</td>
<td>Not Measured</td>
</tr>
<tr>
<td>Initial boiling point and boiling range</td>
<td>&gt;427°C / &gt;800°F</td>
</tr>
<tr>
<td>Flash Point</td>
<td>&gt;540°F / &gt;283°C (ASTM D92)</td>
</tr>
<tr>
<td>Evaporation rate (Ether = 1)</td>
<td>&lt; 1.0</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Upper/lower flammability or explosive limits</td>
<td>Lower Explosive Limit: Not Measured</td>
</tr>
<tr>
<td></td>
<td>Upper Explosive Limit: Not Measured</td>
</tr>
<tr>
<td>Vapor pressure (Pa)</td>
<td>&lt; 1.0</td>
</tr>
<tr>
<td>Vapor Density</td>
<td>Not Volatile</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>1.03 - 1.13 g/ml (60°F)</td>
</tr>
<tr>
<td>Solubility in Water</td>
<td>Insoluble</td>
</tr>
<tr>
<td>Partition coefficient n-octanol/water (Log Kow)</td>
<td>Not Measured</td>
</tr>
<tr>
<td>Auto-ignition temperature</td>
<td>&gt;315°C / &gt;600°F</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>Not Measured</td>
</tr>
<tr>
<td>Viscosity (cSt)</td>
<td>Not Measured</td>
</tr>
<tr>
<td>Percent Solids (by weight)</td>
<td>100.00%</td>
</tr>
<tr>
<td>Percent Volatile (by weight)</td>
<td>0.00%</td>
</tr>
<tr>
<td>Density (lbs/US gal)</td>
<td>8.5-9.4 (typical)</td>
</tr>
</tbody>
</table>

9.2. Other information
DMSO extract by IP346: Less than 3.0 wt % (mineral oil component only)

10. Stability and reactivity

10.1. Reactivity
Hazardous Polymerization will not occur.

10.2. Chemical stability
Stable under normal circumstances.

10.3. Possibility of hazardous reactions
No data available.
10.4. Conditions to avoid
Sparks and open flames, high heat, direct sunlight.

10.5. Incompatible materials
Do not allow hot asphalt to contact water. Avoid contact with strong oxidizers.

10.6. Hazardous decomposition products
Hydrogen sulfide. Oxides of carbon and sulfur.

11. Toxicological information

Acute toxicity

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Oral LD50, mg/kg</th>
<th>Skin LD50, mg/kg</th>
<th>Inhalation Vapor LC50, mg/L/4hr</th>
<th>Inhalation Dust/Mist LC50, mg/L/4hr</th>
<th>Inhalation Gas LC50, ppm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Residual oils (petroleum), solvent deasphalted; Baseoil-unspecified - (64741-95-3)</td>
<td>No data available</td>
<td>No data available</td>
<td>No data available</td>
<td>No data available</td>
<td>No data available</td>
</tr>
</tbody>
</table>

Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).

<table>
<thead>
<tr>
<th>Classification</th>
<th>Category</th>
<th>Hazard Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity (oral)</td>
<td>---</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Acute toxicity (dermal)</td>
<td>---</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Acute toxicity (inhalation)</td>
<td>---</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Skin corrosion/irritation</td>
<td>---</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Serious eye damage/irritation</td>
<td>---</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Respiratory sensitization</td>
<td>---</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Skin sensitization</td>
<td>---</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Germ cell mutagenicity</td>
<td>---</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Carcinogenicity</td>
<td>---</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Reproductive toxicity</td>
<td>---</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>STOT-single exposure</td>
<td>---</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>STOT-repeated exposure</td>
<td>---</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Aspiration hazard</td>
<td>---</td>
<td>Not Applicable</td>
</tr>
</tbody>
</table>
12. Ecological information

12.1. Toxicity
No additional information provided for this product. See Section 3 for chemical specific data.

Aquatic Ecotoxicity

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>96 hr LC50 fish, mg/l</th>
<th>48 hr EC50 crustacea, mg/l</th>
<th>ErC50 algae, mg/l</th>
</tr>
</thead>
<tbody>
<tr>
<td>Residual oils (petroleum), solvent deasphalted; Baseoil-unspecified -(64741-95-3)</td>
<td>Not Available</td>
<td>Not Available</td>
<td>Not Available</td>
</tr>
</tbody>
</table>

12.2. Persistence and degradability
There is no data available on the preparation itself.

12.3. Bioaccumulative potential
Not Measured

12.4. Mobility in soil
No data available.

12.5. Results of PBT and vPvB assessment
This product contains no PBT/vPvB chemicals.

12.6. Other adverse effects
No data available.

13. Disposal considerations

13.1. Waste treatment methods
Observe all federal, state and local regulations when disposing of this substance.

14. Transport information

<table>
<thead>
<tr>
<th>DOT (Domestic Surface Transportation)</th>
<th>IMO / IMDG (Ocean Transportation)</th>
<th>ICAO/IATA</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>14.1. UN number</strong></td>
<td>UN3257</td>
<td>UN3257</td>
</tr>
<tr>
<td><strong>14.2. UN proper shipping name</strong></td>
<td>UN3257, Elevated temperature liquid, n.o.s., 9, III</td>
<td>Elevated temperature liquid, n.o.s. (Air Class: 9)</td>
</tr>
<tr>
<td><strong>14.3. Transport hazard class(es)</strong></td>
<td>DOT Hazard Class: 9</td>
<td></td>
</tr>
<tr>
<td><strong>14.4. Packing group</strong></td>
<td>III</td>
<td>III</td>
</tr>
<tr>
<td><strong>14.5. Environmental hazards</strong></td>
<td>IMDG: Marine Pollutant: No</td>
<td></td>
</tr>
</tbody>
</table>
14.6. Special precautions for user
No further information

15. Regulatory information

Regulatory Overview
The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented.

Toxic Substance Control Act (TSCA)
All components of this material are either listed or exempt from listing on the TSCA Inventory.

WHMIS Classification
Not Regulated

US EPA Tier II Hazards
Fire: No
Sudden Release of Pressure: No
Reactive: No
Immediate (Acute): No
Delayed (Chronic): No

EPCRA 311/312 Chemicals and RQs:
To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

EPCRA 302 Extremely Hazardous:
To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

EPCRA 313 Toxic Chemicals:
To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Carcinogens (>0.0%):
To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Developmental Toxins (>0.0%):
To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Female Repro Toxins (>0.0%):
To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Male Repro Toxins (>0.0%):
To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

New Jersey RTK Substances (>1%):
To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Pennsylvania RTK Substances (>1%):
To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

16. Other information

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.
The full text of the phrases appearing in section 3 is:
Not Applicable

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End of Document