



Safety Data Sheet

Dynatex® 49412 Black Brush-On Electrical Tape

Section 1. Identification

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| Product Identifier | Dynatex® 49412 Black Brush-On Electrical Tape |
| Synonyms | 49412BK12 |
| Manufacturer Stock Numbers | 49412BK10 |

| | |
|----------------------|--------------------------------|
| Recommended use | Refer to Technical Information |
| Uses advised against | Refer to Technical Information |

Manufacturer Contact

| | |
|---------|---|
| Address | Dynatex a division of Soudal Accumetric 350 Ring Road Elizabethtown, KY, 42701 USA |
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| | | |
|----------------|----------------------------|----------------|
| Phone | Emergency Phone | Fax |
| (270) 769-3385 | (800) 424-9300 CHEMTREC | (270) 769-6418 |

Section 2. Hazards Identification

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|----------------|---|
| Classification | ASPIRATION HAZARD - Category 1 CARCINOGENICITY - Category 1B FLAMMABLE LIQUIDS - Category 2 GERM CELL MUTAGENICITY - Category 1B SKIN CORROSION/IRRITATION - Category 2 SPECIFIC TARGET ORGAN TOXICITY (Repeated Exposure) - Category 2 SPECIFIC TARGET ORGAN TOXICITY (Single Exposure) - Category 3 TOXIC TO REPRODUCTION - Category 2 |
| Signal Word | Danger |

Pictogram



Hazard Statements

Causes skin irritation
 Highly flammable liquid and vapor
 May be fatal if swallowed and enters airways
 May cause cancer.
 May cause damage to organs through prolonged or repeated exposure.
 May cause drowsiness or dizziness
 May cause genetic defects.
 Suspected of damaging fertility or the unborn child.

Precautionary Statements

Response

Call a poison center/doctor if you feel unwell.
 Do NOT induce vomiting.
 Get medical advice/attention if you feel unwell.
 If exposed or concerned: Get medical advice/attention.
 If inhaled: Remove person to fresh air and keep comfortable for breathing.
 If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
 If on skin: Wash with plenty of water.
 If skin irritation occurs: Get medical advice/attention.
 If swallowed: Immediately call a poison center/doctor.
 In case of fire: Use carbon dioxide (CO₂), dry extinguishing powder, foam to extinguish
 Specific treatment (see Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work on this label).
 Take off contaminated clothing and wash it before reuse.

Prevention

Avoid breathing mist/vapors.
 Do not handle until all safety precautions have been read and understood.
 Ground/bond container and receiving equipment.
 Keep away from heat.
 Keep container tightly closed.
 Obtain special instructions before use.
 Take precautionary measures against static discharge.
 Use explosion-proof electrical/ventilating/lighting equipment.
 Use only non-sparking tools.
 Use only outdoors or in a well-ventilated area.
 Wash hands, forearms and face thoroughly after handling.
 Wear protective gloves.
 Wear protective gloves/eye protection/face protection
 Wear protective gloves/protective clothing/eye protection/face protection.

Storage

Store in a well-ventilated place. Keep container tightly closed.
 Store in a well-ventilated place. Keep cool.
 Store locked up.

Disposal

Dispose of contents/container to a licensed hazardous-waste disposal contractor or collection site except for empty clean containers which can be disposed of as non-hazardous waste

Ingredients of unknown toxicity 0%

Hazards not Otherwise Classified

GHS Label Element Not a hazardous substance or mixture.

GHS Classification Not a hazardous substance or mixture.

Section 3. Ingredients

| CAS | Ingredient Name | Weight % |
|-------------|---------------------------|-----------|
| 110-54-3 | Hexane | 0.1% - 1% |
| 110-82-7 | Cyclohexane | 1% - 5% |
| 111-65-9 | Octane | 1% - 5% |
| 108-88-3 | Toluene | 1% - 5% |
| 1330-20-7 | Xylene | 10% - 30% |
| 426260-76-6 | Heptane | 10% - 30% |
| 64742-49-0 | Petroleum Distillate | 15% - 40% |
| 64742-89-8 | Petroleum Naptha | 30% - 60% |
| 100-41-4 | Ethyl benzene | 5% - 10% |
| 78-93-3 | Methyl Ethyl Ketone (MEK) | 7% - 13% |
| 142-82-5 | Heptane | 7% - 13% |

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First-Aid Measures

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| Eye Contact | Immediately flush eyes with water for at least 15 minutes. Get medical attention if irritation develops. |
| Skin Contact | Remove contaminated clothing and wash skin with soap and water. Get medical attention if irritation persists. Launder clothing before reuse. |
| Ingestion | DO NOT INDUCE VOMITING. Seek immediate medical attention. |
| Inhalation | The vapor pressure is very low. Vapor inhalation under ambient conditions is normally not a problem. If overcome by vapor from hot product, immediately remove from exposure and seek medical attention. If breathing has stopped, start resuscitation; administer oxygen if breathing is irregular. If overexposed to oil, remove from further exposure until excessive mist conditions subside. |

Section 5. Fire Fighting Measures

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| Suitable Extinguishing Media | Carbon Dioxide, Dry Chemical, Foam, Water Spray |
| Unsuitable Extinguishing Media | None known |
| Lower Explosive Limit | Not determined |
| Upper Explosive Limit | Not determined |

Unusual Fire and
Explosion Hazards
Special Fire Fighting
Procedures

Pressure will increase in over-heated, closed containers.

Water or foam may cause frothing. Use water to keep fire exposed containers cool. Water spray may be used to flush spills away from exposure. Minimize breathing gases, vapor, fumes or decomposition products. Use self-contained breathing apparatus for enclosed or confined spaces or as otherwise needed.

Section 6. Accidental Release Measures

Steps to be taken in case
of spill or release

Recover free product. Add sand, earth or other suitable absorbent to spill area. Minimize skin contact. Keep product out of sewers and watercourses by diking or impounding. Advise authorities if product has entered or may enter sewers, watercourses or extensive land areas. Assure conformity with applicable governmental regulations. Spilled material, unused contents and empty containers must be disposed of in accordance with local, state and federal regulations.

Section 7. Handling and Storage

Handling

Avoid eye contact and repeated prolonged contact with the skin. Keep out of reach from children.

Storage

Do not store near or mix with strong oxidizers. Do not store sealed container near extreme heat. Do not reuse container.

Precautionary Measures

Always wash hands well before touching face or eating.

Section 8. Exposure Controls/Personal Protection

Occupational Exposure
Limits

| Ingredient Name | ACGIH TLV | OSHA PEL | STEL |
|---------------------------|-------------|--------------|--------------|
| Hexane | 50 ppm | 500 ppm | 1000 ppm |
| Cyclohexane | N/A | N/A | N/A |
| Octane | N/A | N/A | N/A |
| Toluene | 50 ppm skin | 100 ppm skin | 150 ppm skin |
| Xylene | 100 ppm | 100 ppm | 150 ppm |
| Heptane | 400 ppm | 300 ppm | N/A |
| Petroleum Distillate | N/A | N/A | N/A |
| Petroleum Naptha | 300 ppm | 300 ppm | 400 ppm |
| Ethyl benzene | 100 ppm | 100 ppm | 125 ppm |
| Methyl Ethyl Ketone (MEK) | N/A | N/A | N/A |
| Heptane | 400 ppm | 500 ppm | 500 ppm |

Personal Protective
Equipment

Goggles, Gloves, Apron, Respirator

Eye Protection

Use splash goggles or face shield when eye contact may occur.

Skin Protection

Use chemical resistant gloves, if needed, to avoid prolonged or repeated skin contact.

Ventilation Good general ventilation should be sufficient.

Respiratory Protection No respiratory protection should be needed.

Suitable Respirator:

None should be needed.

Other Protective Equipment Use chemical-resistant apron or other impervious clothing, if needed, to avoid contaminating regular clothing, which could result in prolonged or repeated skin exposure.

Section 9. Physical and Chemical Properties

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|---------------------------------------|-------------------------|
| Physical State | Honey like substance |
| Color | Black |
| Odor | Characteristic odor |
| Odor Threshold | No data available |
| Solubility | Insoluble in water |
| Partition coefficient Water/n-octanol | No data available |
| VOC% | 71-74.5% |
| Viscosity | No data available |
| Specific Gravity | 0.83 |
| Density lbs/Gal | N/A |
| Pounds per Cubic Foot | N/A |
| Flash Point | 20F (-7C) |
| FP Method | TCC |
| Ph | No data available |
| Melting Point | No data available |
| Boiling Point | 175-285F (79-141C) |
| Boiling Range | N/A |
| LEL | 0.9 |
| UEL | 11.5 |
| Evaporation Rate | > 1.0 (Butyl Acetate=1) |
| Flammability | No data available |
| Decomposition Temperature | No data available |
| Auto-ignition Temperature | No data available |
| Vapor Pressure | 78 mm Hg @ 20C |

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| Vapor Density | Heavier than air |
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Note The above information is not intended for use in preparing product specifications. Contact Soudal Accumetric before writing specifications.

Section 10. Stability and Reactivity

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| Hazardous polymerization | Will not occur |
| Chemical Stability | This product is stable and will not react violently with water. |
| Materials to Avoid | Strong oxidants such as liquid chlorine, concentrated oxygen, sodium hypochlorite or calcium hypochlorite. |
| Conditions to Avoid | None established |
| Hazardous Decomposition Products | Carbon oxides |

Section 11. Toxicological Information

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| Sensitizer | This product is not known to be a sensitizer. |
| Carcinogenicity | This product is not known to be a carcinogen. |
| Reproductive Toxin | This product is not known to be a reproductive toxin. |
| Teratogenicity | This product is not known to be teratogenic. |
| Mutagenicity | This product is not known to be a mutagen. |

Section 12. Ecological Information

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| Fate and Effects in Waste Water Treatment Plants | Complete information is not yet available. |
| Environmental Fate and Distribution | Complete information is not yet available. |
| Environmental Effects | Complete information is not yet available. |

Section 13. Disposal

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| Waste Disposal Method | <p>We make no guarantee or warranty of any kind that the use or disposal of this product complies with all local, state, or federal laws. It is also the obligation of each user of the product mentioned herein to determine and comply with the requirements of all applicable statutes.</p> <p>This product is not known to be regulated under RCRA regulations. Disposal of unused portions of this product and process waste containing this product should be done only after a careful evaluation and in compliance with all federal, local and state laws.</p> |
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Section 14. Transport Information

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| UN Number | 1139 |
| UN Proper Shipping Name | Coating solution (Contains: Heptane; Methyl ethyl ketone) |
| DOT Classification | 3 - Class 3 - Flammable and combustible liquid 49 CFR 173.120 |
| Packing Group | II - medium danger |

Section 15. Regulatory Information

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| TSCA Status | All chemical substances found in this product comply with the Toxic Substances Control Act inventory reporting requirements. |
| SARA Title III Section 302 Extremely Hazardous Substances | None |
| SARA Title III Section 304 CERCLA Substances dangereuses | None |
| SARA Title III Section 313 Toxic Chemicals | None present or none present in regulated quantities. |
| California Proposition 65 | This product contains the following chemical(s) listed by the State of California under the Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65) as being known to cause cancer, birth defects or other reproductive harm: None known |
| WHMIS | Not regulated by WHMIS. |

Section 16. Other Information

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| Revision Date | 12/22/2015 |
| Disclaimer | The data contained herein is based upon information that Soudal Accumetric believes to be reliable. Users of this product have the responsibility to determine that suitability of use and to adopt all necessary precautions to ensure the safety and protection of property and persons involved in said use. All statements or suggestions are made without warranty, expressed or implied, regarding the accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof. |