



Safety Data Sheet

Dynatex® 49412 Black Brush-On Electrical Tape

Section 1. Identification

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 Accumatic
350 Ring Road
Elizabethtown, KY, 42701
USA

Phone	Emergency Phone	Fax
(270) 769-3385	(800) 424-9300 CHEMTREC	(270) 769-6418

Section 2. Hazards Identification

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).

Prevention

Take off contaminated clothing and wash it before reuse.
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

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

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
--

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

Vapor Density	Heavier than air
---------------	------------------

Note The above information is not intended for use in preparing product specifications. Contact Soudal Accumetric before writing specifications.

Section 10. Stability and Reactivity

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

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

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

Waste Disposal Method 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.

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.

Section 14. Transport Information

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

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

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.