



Safety Data Sheet

Black Brush-On Electrical Tape

Section 1. Identification

Product Identifier Black Brush-On Electrical Tape
Synonyms 49412
Manufacturer Stock
Numbers 143425

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

Manufacturer Contact

Address Dynatex *a division of* Soudal
350 Ring Road
Elizabethtown, KY, 42701
USA

Phone
(270) 769-3385

Emergency Phone
(800) 424-9300
CHEMTREC

Fax
(270) 769-6418

Section 2. Hazards Identification

Classification ASPIRATION HAZARD - Category 1
CARCINOGENICITY - Category 2
EYE DAMAGE/IRRITATION - Category 2A
FLAMMABLE LIQUIDS - Category 2
SENSITIZATION - SKIN - Category 1
SKIN CORROSION/IRRITATION - Category 2
SPECIFIC TARGET ORGAN TOXICITY (Repeated Exposure) - Category 1
SPECIFIC TARGET ORGAN TOXICITY (Single Exposure) - Category 3
TOXIC TO REPRODUCTION - Category 2

Signal Word Danger

Pictogram



Hazard Statements

Causes damage to organs (auditory system, central nervous system) through prolonged or repeated exposure
Causes serious eye irritation
Causes skin irritation
Highly flammable liquid and vapor
May be fatal if swallowed and enters airways
May cause an allergic skin reaction
May cause drowsiness or dizziness
Suspected of causing cancer
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 eye irritation persists: Get medical advice/attention.
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
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 skin irritation or rash 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.
Wash contaminated clothing before reuse.

Prevention

Avoid breathing mist/vapors.
Contaminated work clothing must not be allowed out of the workplace.
Do not breathe mist, spray, vapours
Do not eat, drink or smoke when using this product.
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 clothing, eye protection, protective gloves
 Wear protective gloves.
 Wear protective gloves/eye protection/face protection
 Wear protective gloves/protective clothing/eye protection/face protection.
 Store in a well-ventilated place. Keep container tightly closed.
 Store in a well-ventilated place. Keep cool.
 Store locked up.

Storage

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

Additional Information None known

Section 3. Ingredients

CAS	Ingredient Name	Weight %
78-93-3	Methyl Ethyl Ketone (MEK)	5% - 10%
110-82-7	Cyclohexane	5% - 10%
64742-89-8	Petroleum Naptha	30% - 60%
64742-49-0	Petroleum Distillate	30% - 60%
68410-97-9	Petroleum Distillates	15% - 40%
426260-76-6	Heptane	10% - 30%
1330-20-7	Xylene	10% - 30%
111-65-9	Octane	1% - 5%
100-41-4	Ethyl benzene	1% - 5%
108-88-3	Toluene	1% - 5%
142-82-5	Heptane	1% - 5%
8052-41-3	Stoddard solvent (Mineral Spirits)	1% - 5%
1333-86-4	Carbon Black	0.5% - 1.5%
98-82-8	Cumene	0.1% - 1%

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

Section 4. First-Aid Measures

Description of first aid measures

General information:
 If exposed or concerned, get medical attention/advice. Show this safety data sheet to the doctor in attendance. Wash contaminated clothing before re-use.
 Never give anything to an unconscious person.

After inhalation:

IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if breathing is affected. If breathing is difficult, supply oxygen.

After skin contact:

IF ON SKIN (or clothing): Remove affected clothing and wash all exposed skin with water for at least 15 minutes. If irritation develops or persists, get medical attention.

After eye contact:

IF IN EYES: Immediately flush with plenty of water for at least 15 minutes. Remove contact lenses if present and easy to do so. Continue rinsing if pain, blinking, or irritation develops or persists, get medical attention.

After ingestion:

IF SWALLOWED: rinse mouth thoroughly. Do not induce vomiting without advice from poison control center or medical professional. Get medical attention immediately.

Most important symptoms and effects, both acute and delayed

Symptoms/injuries:

May be fatal if swallowed and enters airways. Causes skin irritation. Causes serious eye irritation. May cause an allergic skin reaction. May cause drowsiness or dizziness. Suspected of causing cancer. Suspected of damaging fertility. Suspected of damaging the unborn child. Causes damage to organs through prolonged or repeated exposure.

Symptoms/injuries after inhalation:

May cause drowsiness or dizziness.

Symptoms/injuries after skin contact:

Causes skin irritation. May cause an allergic skin reaction.

Symptoms/injuries after eye contact:

Causes serious eye irritation.

Symptoms/injuries after ingestion:

May be fatal if swallowed and enters airways.

Chronic symptoms:

Suspected of causing cancer. Suspected of damaging fertility. Suspected of damaging the unborn child. Causes damage to organs through prolonged or repeated exposure.

Indication of any immediate medical attention and special treatment needed No additional information available

Section 5. Fire Fighting Measures

Media
Unsuitable Extinguishing
Media
Special hazards arising
from the substance or
mixture

None known

Fire hazard:
Highly flammable liquid and vapor.

Explosion hazard:
Heating may cause an explosion.

Advice for firefighters

Reactivity:
No dangerous reactions known under normal conditions of use.

Precautionary measures fire:
Keep away from heat, hot surfaces, sparks, open flames and other ignition
sources. No smoking.

Firefighting instructions:
Use water spray or fog for cooling exposed containers. Exercise caution when
fighting any chemical fire. Do not dispose of fire-fighting water in the
environment. Prevent human exposure to fire, fumes, smoke and products of
combustion.

Protection during firefighting:
Do not enter fire area without proper protective equipment, including respiratory
protection.

Other information:
This material is flammable and may be ignited by heat, sparks, or static
electricity.

Section 6. Accidental Release Measures

Personal precautions,
protective equipment and
emergency procedures

General measures:
Evacuate area. Ventilate area. Keep upwind. Spill should be handled by trained
clean-up crews properly equipped with respiratory equipment and full chemical
protective gear (see Section 8).

For non-emergency
personnel

Protective equipment:
Wear Protective equipment as described in Section 8.

For emergency responders

Emergency procedures:
Evacuate unnecessary personnel.

Protective equipment:
Wear suitable protective clothing, gloves and eye or face protection. Approved
supplied-air respirator, in case of emergency.

Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters
sewers or public waters. Avoid release to the environment.

Methods and material for
containment and cleaning
up

For containment:
Contain any spills with dikes or absorbents to prevent migration and entry into
sewers or streams. Prevent entry to sewers and public waters.

Methods for cleaning up:
 Exclude sources of ignition and ventilate the area. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. This material and its container must be disposed of in a safe way, and as per local legislation.

Reference to other sections

See Sections 8 and 13.

Section 7. Handling and Storage

Precautions for safe handling

Do not handle until all safety precautions have been read and understood. Handle in accordance with good industrial hygiene and safety procedures. Use only in well-ventilated areas. Avoid contact with skin and eyes. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Keep away from sources of ignition - No smoking.

Conditions for safe storage, including any incompatibilities

Keep the container tightly closed. Store in a dry, cool and well-ventilated place. Keep away from ignition sources.

Section 8. Exposure Controls/Personal Protection

Occupational Exposure Limits

Ingredient Name	ACGIH TLV	OSHA PEL	STEL
Methyl Ethyl Ketone (MEK)	N/A	N/A	N/A
Cyclohexane	N/A	N/A	N/A
Petroleum Naptha	300 ppm	300 ppm	400 ppm
Petroleum Distillate	N/A	N/A	N/A
Petroleum Distillates	50 ppm	100 ppm	N/A
Heptane	400 ppm	300 ppm	N/A
Xylene	STEL: 150 ppm TWA: 100 ppm	TWA: 100 ppm TWA: 435 mg/m3	150 ppm
Octane	N/A	N/A	N/A
Ethyl benzene	TWA: 20 ppm	TWA: 100 ppm TWA: 435 mg/m3	N/A
Toluene	50 ppm skin	100 ppm skin	150 ppm skin
Heptane	400 ppm	500 ppm	500 ppm

Stoddard solvent (Mineral Spirits)	100 ppm	100 ppm	150 ppm
Carbon Black	TWA: 3 mg/m3 inhalable fraction	TWA: 3.5 mg/m3	N/A
Cumene	N/A	N/A	N/A

Personal Protective Equipment
Exposure controls

Goggles, Gloves, Apron, Respirator

Appropriate engineering controls:
Provide adequate general and local exhaust ventilation. Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Use explosion-proof equipment with flammable materials. Ensure adequate ventilation, especially in confined areas.

Personal protective equipment:
Gloves. Protective goggles. Protective clothing. Insufficient ventilation: wear respiratory protection.

Hand protection:
Use gloves chemically resistant to this material when prolonged or repeated contact could occur. Gloves should be classified under Standard EN 374 or ASTM F1296. Suggested glove materials are: Neoprene, Nitrile/butadiene rubber, Polyethylene, Ethyl vinyl alcohol laminate, PVC or vinyl. Suitable gloves for this specific application can be recommended by the glove supplier.

Eye protection:
Wear eye protection, including chemical splash goggles and a face shield when possibility exists for eye contact due to spraying liquid or airborne particles.

Skin and body protection:
Wear long sleeves, and chemically impervious PPE/coveralls to minimize bodily exposure.

Respiratory protection:
Wear a NIOSH-approved (or equivalent) full-facepiece airline respirator in the positive pressure mode with emergency escape provisions. In case of inadequate ventilation or risk of inhalation of vapors, use suitable respiratory equipment with gas filter (type A2). Use a positive-pressure air-supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air-purifying respirators may not provide adequate protection.

Section 9. Physical and Chemical Properties

Physical State	Liquid
Color	Black
Odor	No data available

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	N/A
pH	No data available
Melting Point	No data available
Boiling Point	175-285F (79-141C)
Boiling Range	N/A
LEL	N/A
UEL	N/A
Evaporation Rate	No data available
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

Reactivity	No dangerous reactions known under normal conditions of use.
Chemical stability	Stable under recommended handling and storage conditions (see section 7).
Possibility of hazardous reactions	None known
Conditions to avoid	Ignition sources. Heat. Sparks. Open flame. Static electricity.

Incompatible Materials None known

Hazardous decomposition products Carbon oxides (CO, CO₂).

Section 11. Toxicological Information

Information on toxicological effects Acute toxicity:
Not classified

Skin corrosion/irritation:
Causes skin irritation.

Serious eye damage/irritation:
Causes serious eye irritation.

Respiratory or skin sensitization:
May cause an allergic skin reaction.

Germ cell mutagenicity:
Not classified.

Reproductive toxicity:
Suspected of damaging fertility or the unborn child.

Specific target organ toxicity (single exposure):
May cause drowsiness or dizziness.

Specific target organ toxicity (repeated exposure):
Causes damage to organs through prolonged or repeated exposure.

Aspiration hazard:
May be fatal if swallowed and enters airways.

Symptoms/injuries after inhalation:
May cause respiratory irritation. May cause drowsiness or dizziness.

Symptoms/injuries after skin contact:
Causes skin irritation. May cause an allergic skin reaction.

Symptoms/injuries after eye contact:
Causes serious eye irritation.

Symptoms/injuries after ingestion:
May be fatal if swallowed and enters airways.

Chronic symptoms:
Suspected of causing cancer. Suspected of damaging fertility. Suspected of damaging the unborn child. Causes damage to organs through prolonged or repeated exposure.

Carcinogenicity

Suspected of causing cancer.

Benzene (71-43-2)

IARC

1 - Carcinogenic to humans

(NTP)

2 - Known Human Carcinogens

Ethylbenzene (100-41-4)

IARC

2B - Possibly carcinogenic to humans

Naphthalene (91-20-3)

IARC

2B - Possibly carcinogenic to humans

NTP

3 - Reasonably anticipated to be Human Carcinogen

Cumene (98-82-8)

IARC

2B - Possibly carcinogenic to humans

Silica: Crystalline, quartz (14808-60-7)

IARC

1 - Carcinogenic to humans

Titanium dioxide (13463-67-7)

IARC

2B - Possibly carcinogenic to humans

Section 12. Ecological Information

Toxicity

Ecology - general

No information available.

Persistence and degradation

No information available.

Bioaccumulative potential

No information available

Mobility in soil

No information available

Other adverse effects

No data available

Section 13. Disposal

Waste treatment methods

Waste treatment methods:

Obtain the consent of pollution control authorities before discharging to waste water treatment plants.

Waste disposal recommendations:

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
Air Shipment (IATA)	Proper Shipping Name: Coating Solution UN Number: UN1139 Hazard Class: 3 Packing Group: II

Section 15. Regulatory Information

US Federal regulations All chemical substances in this product are listed in the EPA (Environment Protection Agency) TSCA (Toxic Substances Control Act) Inventory or are exempt

SARA Section 311/312 Hazard Classes
Delayed (chronic) health hazard
Immediate (acute) health hazard
Fire hazard

Ethylbenzene (100-41-4)
CERCLA RQ 1000 lb
Section 313 Listed on US SARA Section 313

Methyl ethyl ketone (78-93-3)
CERCLA RQ 5000 lb
Section 313 Not Listed on US SARA Section 313

Xylenes (o-, m-, p- isomers) (1330-20-7)
CERCLA RQ 100 lb
Section 313 Listed on US SARA Section 313

Toluene (108-88-3)
CERCLA RQ 1000 lb
Section 313 Listed on US SARA Section 313

Cyclohexane (110-82-7)
CERCLA RQ 1000 lb
Section 313 Listed on US SARA Section 313

State regulations

Octane (111-65-9)
U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. - Massachusetts - Right To Know List
U.S. - Pennsylvania - RTK (Right to Know) List

n-Heptane (142-82-5)

U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. - Massachusetts - Right To Know List
U.S. - Pennsylvania - RTK (Right to Know) List

Toluene (108-88-3)

U.S. - Massachusetts - Right To Know List
U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List
U.S. - Pennsylvania - RTK (Right to Know) List

Benzene (71-43-2)

U.S. - Massachusetts - Right To Know List
U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. - Pennsylvania - RTK (Right to Know) - Special Hazardous Substances
U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List

Ethylbenzene (100-41-4)

U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. - Massachusetts - Right To Know List
U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List

Naphthalene (91-20-3)

U.S. - Massachusetts - Right To Know List
U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List

Xylenes (o-, m-, p- isomers) (1330-20-7)

U.S. - Massachusetts - Right To Know List
U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List

Cumene (98-82-8)

U.S. - Massachusetts - Right To Know List
U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List

Cyclohexane (110-82-7)

U.S. - Massachusetts - Right To Know List
U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List

Hexane (110-54-3)

U.S. - Massachusetts - Right To Know List
U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. - Pennsylvania - RTK (Right to Know) List

Isopropyl alcohol (67-63-0)

U.S. - Massachusetts - Right To Know List
U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List

Methyl ethyl ketone (78-93-3)

U.S. - Massachusetts - Right To Know List
U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. - Pennsylvania - RTK (Right to Know) List

Limestone (1317-65-3)

U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. - Massachusetts - Right To Know List
U.S. - Pennsylvania - RTK (Right to Know) List

Silica: Crystalline, quartz (14808-60-7)

U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. - Pennsylvania - RTK (Right to Know) List
U.S. - Massachusetts - Right To Know List

Stoddard solvent (8052-41-3)

U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. - Massachusetts - Right To Know List
U.S. - Pennsylvania - RTK (Right to Know) List

Carbon black (1333-86-4)

U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. - Pennsylvania - RTK (Right to Know) List
U.S. - Massachusetts - Right To Know List
U.S. - Pennsylvania - RTK (Right to Know) - Special Hazardous Substances

Barium sulfate (7727-43-7)

U.S. - Massachusetts - Right To Know List
U.S. - Pennsylvania - RTK (Right to Know) List
U.S. - New Jersey - Right to Know Hazardous Substance List

WARNING: This product can expose you to chemicals including Carbon Black, which is known to the state of California to cause cancer and Toluene, which is known to the State of California to cause birth defects and other reproductive harm. For more information, go to www.P65Warnings.ca.gov.

California Prop 65

Section 16. Other Information

Revision Date

9/11/2018

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.