

# Dynatex Copper Hi-Tack Gasket Spray

## Safety Data Sheet



### Dynatex Copper Hi-Tack Gasket Spray

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## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1. Product identifier

Product form : Mixture  
Trade name : Dynatex Copper Hi-Tack Gasket Spray  
Reference number : 173320

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

#### 1.2.1. Relevant identified uses

Intended for general public  
Main use category : Consumer use, Professional use  
Use of the substance/mixture : Lubricant

#### 1.2.2. Uses advised against

No additional information available

### 1.3. Details of the supplier of the safety data sheet

Soudal  
350 Ring Road  
Elizabethtown, KY 42701  
(270) 769-3385  
[technical@soudalaccumetric.com](mailto:technical@soudalaccumetric.com) -  
[www.SoudalUSA.com](http://www.SoudalUSA.com)

### 1.4. Emergency telephone number

Emergency number : (800) 424-9300 CHEMTREC  
24h/24h

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

#### Classification

FLAMMABLE AEROSOL	Category 1
SKIN IRRITATION	Category 2
EYE IRRITATION	Category 2
SPECIFIC TARGET ORGAN TOXICITY, SINGLE EXPOSURE	Category 1
SPECIFIC TARGET ORGAN TOXICITY, REPEATED EXPOSURE	Category 2
ASPIRATION TOXICITY	Category 1
REPRODUCTIVE TOXICITY	Category 2

#### Adverse physicochemical, human health and environmental effects

### 2.2. Label elements

# Dynatex Hi-Tack Gasket Spray

## Safety Data Sheet

Hazard pictograms (CLP)



Signal word (CLP)

: DANGER

Hazard statements (CLP)

: Extremely flammable aerosol  
Contains gases under pressure; may explode if heated.  
Pressurized container: may burst if heated.  
Causes skin irritation.  
Causes serious eye irritation  
Harmful if swallowed. Harmful if inhaled. Harmful if in contact with skin.  
Causes damage to organs: Optic nerve, Central nervous system. May cause drowsiness or dizziness.  
Suspected of damaging the unborn child.  
May cause damage to organs through prolonged or repeated exposure: Inhalation – neuropsychological effects, auditory dysfunction, and effects on color vision.  
Repeated exposure may cause skin dryness or cracking.  
May be harmful if swallowed and enters airways.

Precautionary statements (CLP)

: Do not handle until all safety precautions have been read and understood.  
Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking.  
Do not pierce or burn, even after use.  
Do not spray on an open flame or other ignition source.  
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 on skin: wash with plenty of soap and water.  
If skin irritation or rash occurs: get medical advice attention.  
Wash contaminated clothing before reuse.  
Avoid breathing dust/fume/gas/mist/vapors/spray.  
Avoid release to environment.  
Wash hands thoroughly after handling.  
Wear eye protection/face protection.  
Wear protective gloves.  
Protect from sunlight and do not expose to temperatures exceeding 50°C/122°F.  
Dispose of contents and container in accordance with all local, regional, national, and international regulations.

Extra phrases

:

### 2.3. Other hazards

No data available.

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

Name	Product identifier	%	
Acetone	CAS-No.: 67-6401	30 – 35	Flam. Liq. 2, H319 Eye Irrit. 2, H336 STOT SE 3, H336
Methyl Ethyl Ketone	CAS-No.: 78-93-3	12 – 20	Flam Liq. 2; H225 Eye Irrit. 2; H319 STOT SE 3; H336
Toluene	CAS-No.: 108-88-3	5 – 10	Flam. Liq. 2, H225 Repr. 2; H361 Skin Irrit. 2; H315 Eye Irrit. 2; H319

# Dynatex Hi-Tack Gasket Spray

## Safety Data Sheet

			Asp. Tox. 1, H304 STOT SE 3; H336 STOT RE 2; H373 Inhalation – neuropsychological effects, auditory dysfunction, and effects on color vision Aquatic Chronic 4, H412
Copper	CAS-No.: 7440-50-8	1 – 5	Flam. Sol. 1, H228 Acute Tox. 4; H302 Eye Irrit. 2; H319
Resin	CAS-No.: Proprietary	10 – 18	Not classified as dangerous for supply/use.
Isopropanol	CAS-No.: 67-63-0	< 0.5	Flam. Liq. 2, H225 Eye Irrit. 2; H319 STOT SE3, H336
Propane	CAS-No.: 74-98-6	12 – 20	Flam. Gas 1, H220 Liquefied Gas; H280
Butane	CAS-No.: 106-97-8	10 – 18	Flam. Gas 1, H220 Liquefied Gas; H280

The exact percentage is withheld as a trade secret in accordance with 29 CFR 1910.1200.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures general	: Call a physician immediately.
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing. If breathing is labored, administer oxygen. If symptoms develop, obtain medical attention. -
First-aid measures after skin contact	: Wash skin with plenty of water. Take off contaminated clothing. If skin irritation occurs: Get medical advice/attention.
First-aid measures after eye contact	: IF IN EYES: rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If symptoms occur obtain medical attention.
First-aid measures after ingestion	: IF swallowed, do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician immediately.

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

Symptoms/effects after eye contact	: Redness, pain
Symptoms/effects after skin contact	: Irritation, redness, pain
Symptoms/effects after inhalation	: Sore throat, cough, abdominal plant, sleepiness, vomiting
Symptoms/effects after ingestion	: Diarrhea, headache, abdominal cramps, sleepiness, vomiting

### 4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically. May cause damage to organs: (optic nerve, Central nervous system). May be harmful if swallowed and enters airway.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

# Dynatex Hi-Tack Gasket Spray

## Safety Data Sheet

Unsuitable extinguishing media : Do not use water jet.

### 5.2. Special hazards arising from the substance or mixture

Fire hazard : Highly flammable aerosol. (flash point below 23°C).  
Explosion hazard : Pressurized container: May burst if heated.  
Hazardous decomposition products in case of fire : Toxic fumes may be released.

### 5.3. Advice for firefighters

Protection during firefighting : A self-contained breathing apparatus and suitable protective clothing should be worn in fire conditions. Keep containers cool by spraying with water if exposed to fire.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

#### 6.1.1. For non-emergency personnel

Emergency procedures : Keep away from heat/sparkts/open flames/hotsurfaces. No smoking. Take precautionary measures against static discharges. Avoid breathing dust/fume/gas/mist/vapors/spray. Avoid contact with skin and eyes.

#### 6.1.2. For emergency responders

Protective equipment : Keep away from heat/sparkts/open flames/hotsurfaces. No smoking. Take precautionary measures against static discharges. Avoid breathing dust/fume/gas/mist/vapors/spray. Avoid contact with skin and eyes.

### 6.2. Environmental precautions

Avoid release to the environment.

### 6.3. Methods and material for containment and cleaning up

For containment : Collect spillage.  
Methods for cleaning up : Absorb spilled material with sand or earth. Scoop absorbed substance into closing containers. Clean contaminated surfaces with an excess of water. Wash clothing and equipment after handling. Mechanically recover the product.  
Other information : Dispose of materials or solid residues at an authorized site.

### 6.4. Reference to other sections

For further information refer to section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Use only outdoors or in a well-ventilated area. Avoid breathing dust/fume/gas/mist/vapors/spray. Avoid contact with skin and eyes. Wear personal protective equipment.

Hygiene measures : Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F. Store locked up. Store in a well-ventilated place. Keep container tightly closed. Keep cool.

# Dynatex Hi-Tack Gasket Spray

## Safety Data Sheet

Incompatible products : Heat sources. Ignition sources. Oxidizing agent.  
Packaging materials : Aerosol.

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### 8.1.1 National occupational exposure and biological limit values

Acetone (67-64-1)	
ACGIH (TWA)	250 ppm
Toluene (108-88-3)	
ACGIH (TWA)	20 ppm
ACGIH (TLV)	750 ppm
OSHA (TWA)	200 ppm
OSHA (PEL)	300 ppm
n-butane (106-97-8)	
OSHA (TWA)	1,900 mg/m <sup>3</sup> , 800 ppm
NIOSH (TWA)	1,900 mg/m <sup>3</sup> , 800 ppm
Methyl Isobutyl Ketone (108-10-1)	
ACGIH (TWA)	100 ppm
ACGIH (TLV)	75 ppm
OSHA (TWA)	100 ppm
Propane (74-98-6)	
OSHA (TWA)	1,000 ppm
ACGIH (STEL)	Oxygen Depletion (Asphyxiant)
Isopropanol (67-63-0)	
ACGIH (TLV)	400 ppm
OSHA (TWA)	400 ppm
OSHA (TLV)	200 ppm

#### 8.1.2. Recommended monitoring procedures

NIOSH 1300 (Ketones 1); NIOSH 2000 (Methanol); NIOSH 1500 (hydrocarbons, B.P. 36 – 126°C); NIOSH 1501 (Hydrocarbons, Aromatic)

#### 8.1.3. Air contaminants formed

No additional information available

# Dynatex Hi-Tack Gasket Spray

## Safety Data Sheet

### 8.2. Exposure controls

#### 8.2.1. Appropriate engineering controls

**Appropriate engineering controls:**

Ensure good ventilation of the workstation. If necessary, use an air-purifying face mask in case of respiratory hazards.

#### 8.2.2. Personal protection equipment

**Personal protective equipment symbol(s):**

##### 8.2.2.1. Eye and face protection

**Eye protection:**

Keep an eye-rinse bottle within reach. Tight-fitting safety goggles. Wear a face shield and protective suit in case of exceptional processing problems.

##### 8.2.2.2. Skin protection

**Skin and body protection:**

Protective clothing

**Hand protection:**

Protective gloves against chemicals (butyl glove with a breakthrough time of > 480 minutes; material thickness 0.7 mm). Thoroughly check gloves before use.

##### 8.2.2.3. Respiratory protection

**Respiratory protection:**

Normally, no personal respiratory protection is necessary. In case of insufficient ventilation, wear suitable respiratory equipment.

##### 8.2.2.4. Thermal hazards

No additional information available

### 8.2.3. Environmental exposure controls

**Environmental exposure controls:**

Avoid release to the environment.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Color	: Copper
Appearance	: Liquid
Odor	: Solvent
Odor threshold	: Not available
Melting point	: Not available
Freezing point	: Not available
Boiling point	: 56°C (Acetone)
Flammability	: Not available
Explosive properties	: Not available
Explosive limits	: 2.1% - 9.5% (Propane)
Lower explosion limit	: 2.1% (Propane)
Upper explosion limit	: 9.5% (Propane)
Flash point	: -17°C
Auto-ignition temperature	: 465°C (Acetone)

# Dynatex Hi-Tack Gasket Spray

## Safety Data Sheet

Decomposition temperature	: < 20°C
pH	: Not available
Viscosity, kinematic	: < 20
Solubility	: Not available
Partition coefficient n-octanol/water (Log Kow)	: Not available
Vapor pressure	: Ca 95 x 10 <sup>4</sup> (Propane)
Vapor pressure at 50 °C	: Not available
Density	: 0.86
Relative density	: Not available
Relative vapor density at 20 °C	: Not available
Particle characteristics	: Not applicable

### 9.2. Other information

#### 9.2.1. Information with regard to physical hazard classes

% of flammable ingredients	: 85%
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#### 9.2.2. Other safety characteristics

VOC content	: 730 g/L (85%)
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## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Stable under normal conditions.

### 10.2. Chemical stability

Material is stable under normal conditions of use.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

Avoid contact with heat and ignition.

### 10.5. Incompatible materials

Strong oxidizing agents

### 10.6. Hazardous decomposition products

Carbon monoxide, Carbon dioxide, Acrid Smoke

## SECTION 11: Toxicological information

### 11.1. Information on hazard classes

Acute toxicity (oral)	: See below
Acute toxicity (dermal)	: See below
Acute toxicity (inhalation)	: See below
Skin Corrosion/Irritation	: Repeated exposure may cause skin dryness or cracking.
Eye Irritation	: Causes serious eye irritation
Respiratory Irritation	: Not classified
Skin Sensitization	: Not classified
Germ Cell Mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive Toxicity	: Not classified
STOT-SE	: May cause drowsiness or dizziness
STOT-Repeated Exposure	: Not classified

# Dynatex Hi-Tack Gasket Spray

## Safety Data Sheet

Aspiration Hazard

: Not classified

### Acetone (67-64-1)

LD50, oral, rat	5,800 mg/kg
LD50, dermal, rabbit	➤ 15.800 mg/kg
LC50, inhalation, rat, 4h	76 mg/L

### Toluene (108-88-3)

LD50, oral, rat	5,580 mg/kg
LD50, dermal, rabbit	➤ 5,000 mg/kg
LC50, inhalation, rat, 4h	28.1 mg/L

### Propane (74-98-6)

LC50, inhalation, rat, 2h	1,237 mg/L)
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### Methyl Ethyl Ketone (78-93-3)

LD50, oral, rat	3,460 mg/kg
LD50, dermal, rabbit	10 mg/kg
LC50, inhalation, rat, 6h	➤ 5,041 ppm

### Isopropanol (67-63-0)

LD50, oral, rat	5.84 g/kg
LD50, dermal, rabbit	16.4 ml/kg
LC50, inhalation, rat, 2h	➤ 1,000 ppm

## 11.2. Information on other hazards

No additional information available

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general : Not classified  
Hazardous to the aquatic environment, short-term (acute) : Not classified



# Dynatex Hi-Tack Gasket Spray

## Safety Data Sheet

Hazardous to the aquatic environment, long-term (chronic) : Not classified  
Not rapidly degradable

### Acetone (67-64-1)

LC50, inhalation, rat, 4h	76 mg/L
NOAEL, rat (Oral)	900 mg/kg/day
NOAEL, rat (Inhalation)	➤ 19,000 ppm

### Toluene (108-88-3)

LC50, inhalation, rat, 4h	28.1 mg/L
NOAEC, rat (Oral)	1,131 mg/m <sup>3</sup>
NOAEC, rat	2.8 mg/L; suspected of damaging the unborn child

### Methyl Ethyl Ketone (78-93-3)

LC50, inhalation, rat, 6h	➤ 5,041 ppm
NOAEL, rat (Inhalation)	➤ 5,000 ppm

### Methyl Ethyl Ketone (78-93-3)

LD50, oral, rat	3,460 mg/kg
LD50, dermal, rabbit	10 mg/kg
LC50, inhalation, rat, 6h	➤ 5,041 ppm

## 12.2. Persistence and degradability

### propane (74-98-6)

Persistence and degradability	Readily biodegradable in water.
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### butane (106-97-8)

Persistence and degradability	Readily biodegradable in water.
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## 12.3. Bioaccumulative potential

### propane (74-98-6)

Partition coefficient n-octanol/water (Log Pow)	1.09 – 2.8 (Experimental value, 20 °C)
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).

### butane (106-97-8)

# Dynatex Hi-Tack Gasket Spray

## Safety Data Sheet

Partition coefficient n-octanol/water (Log Pow)	2.8 (Experimental value, 20 °C)
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).

### 12.4. Mobility in soil

#### propane (74-98-6)

Surface tension	No data available in the literature
Ecology - soil	Not applicable (gas).

### 12.5. Results of PBT and vPvB assessment

No additional information available.

### 12.6. Endocrine disrupting properties

No additional information available

### 12.7. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

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 requirements and applicable statutes.

This product is not known to be regulated under RCRA regulations. Disposal of unused portions of this product and process waste containing product should be done only after a careful evaluation and in compliance with all federal, local, and state laws.

## SECTION 14: Transport information

### 14.1 UN Number

UN1950

### 14.2 UN Proper Shipping Name

UN1950 Aerosols, flammable,

### 14.3 Transport Hazard Class(es)

Class(es)	2.1
Identification number of the hazard	Not applicable

### 14.4 Packing Group

Not applicable

### 14.5 Environmental hazards

Not dangerous to the environments

### 14.6 Special precautions for user

Hazard characteristics:	Risk of fire. Risk of explosion. Containers may explode when heated.
Additional guidance:	Take cover. Keep out of low areas.

### 14.7 Maritime transport in bulk according to IMO instruments

Not applicable

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

#### 15.1.1. US Federal Regulations

# Dynatex Hi-Tack Gasket Spray

## Safety Data Sheet

### TSCA

All components of this product follow the inventory listing requirements of the US Toxic Substances and Control Act (TSCA) Chemical Substances Inventory.

SARA 302	None	
SARA 304	None	
SARA 311/312		
Acute Heath Hazard	Yes	
Chronic Health Hazard	No	
Fire Hazard	Yes	
Sudden Release of Pressure Hazard	No	
Reactive Hazard	No	
SARA 313	Toluene (108-88-3)	15 – 20%

### 15.1.1. US State Regulations

#### California Prop 65

WARNING: This product can expose you to chemicals including toluene, which is known to the State of California to cause birth defects and/or reproductive harm. For more information, go to [www.P65Warnings.ca/gov](http://www.P65Warnings.ca/gov)

## SECTION 16: Other information

### Indication of changes

Disclaimer: The data contained herein is based upon information that Soudal believes to be reliable. Users of this product have the responsibility to determine 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.