



# SAFETY DATA SHEET

Date issued : 03/13/2024

SDS number : SCR-15 A

## SCR-15 Part A

### 1. Identification

**Product identifier:** SCR-15 Part A

**Manufacturer**

Speedy Concrete Repair  
3900 Camp Road  
Jasper, GA 30143

**Customer Service:** 877-891-1865

**Web:** www.speedyconcretere.com

**Emergency telephone number (24 hour)**

**Poison Control Center (Medical):** (800) 222-1222

### 2. Hazard identification

**Classification of the substance or mixture**

**Health hazards:**

Aspiration Hazard, Category 1  
Skin Irritation, Category 2  
Skin Sensitization, Category 1  
Eye Irritation, Category 2A  
Respiratory Sensitization, Category 1  
Carcinogenicity, Category 2  
Target Organ Toxicity (Single exposure), Category 3  
Target Organ Toxicity (Repeated exposure), Category 2

**Physical hazards:**

Flammable Liquids, Category 4

**Label elements**



Health hazard



Exclamation mark

**Signal word:** DANGER

**Hazard statement(s)**

H227: Combustible liquid.  
H304: May be fatal if swallowed and enters airways.  
H315: Causes skin irritation.  
H317: May cause an allergic skin reaction.  
H319: Causes serious eye irritation.  
H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled.  
H335: May cause respiratory irritation.  
H336: May cause drowsiness or dizziness.  
H351: Suspected of causing cancer.  
H373: May cause damage to respiratory system through prolonged or repeated exposure.

**Precautionary statement(s)**

**Prevention:**

P202: Do not handle until all safety precautions have been read and understood.  
P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P260: Do not breathe mist, vapors and spray.  
P264: Wash skin thoroughly after handling.



# SAFETY DATA SHEET

Date issued : 03/13/2024

SDS number : SCR-15 A

## SCR-15 Part A

- P271: Use only outdoors or in a well-ventilated area.  
P272: Contaminated work clothing should not be allowed out of the workplace.  
P280: Wear protective gloves, protective clothing, eye protection and face protection.  
P284: In case of inadequate ventilation wear respiratory protection.

### Response:

- P301+P310: IF SWALLOWED: Immediately call a POISON CENTER or doctor.  
P331: Do NOT induce vomiting.  
P302+P352: IF ON SKIN: Wash with plenty of water.  
P333+P313: If skin irritation or rash occurs: Get medical advice.  
P362: Take off contaminated clothing.  
P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337+P313: If eye irritation persists: Get medical advice.  
P308+P313: IF exposed or concerned: Get medical advice.  
P314: Get medical advice if you feel unwell.

### 3. Composition/information on ingredients

Chemical name	% w/w	CAS No.
4,4'-Diphenylmethane Diisocyanate	25 - 35	101-68-8
Heavy Aromatic Naphtha	25 - 35	64742-94-5
Polymeric Diphenylmethane Diisocyanate	20 - 30	9016-87-9
Diphenylmethane Diisocyanate Mixed Isomers	5 - 15	26447-40-5
Naphthalene	1 - 5	91-20-3

### 4. First-aid measures

- Eye:** Immediately flush eyes with plenty of water. Remove contact lenses, if present. Seek medical advice if irritation persists.
- Skin:** Immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Seek medical advice if irritation or rash occurs.
- Ingestion:** If person is conscious, wash out mouth with water. Do not induce vomiting. Immediately call a poison center or doctor.
- Inhalation:** Move person to fresh air. Seek medical attention if symptoms of central nervous system depression or respiratory distress occur. Respiratory symptoms may be delayed for several hours.

### 5. Fire-fighting measures

- Suitable extinguishing media:** Water fog, foam, dry chemical and carbon dioxide.
- Explosion hazards:** Containers can build up pressure if exposed to heat or fire. Water contamination produces carbon dioxide gas. This may cause pressurization or explosion of containers.
- Fire fighting equipment:** Fire fighters must wear NIOSH-approved positive pressure self-contained breathing apparatus with full-face mask and full protective clothing.
- Sensitivity to static discharge:** Product can accumulate static charges which can cause an electrical spark.

### 6. Accidental release measures

- Small spill:** Isolate the area and prevent entry of unnecessary and unprotected personnel. Eliminate all ignition sources. Do not walk through or otherwise scatter spilled product. Ventilate the area. Absorb with dry chemical absorbent. Do not use combustible materials such as sawdust. Place in a chemical waste container.
- Large spill:** Same procedure as for a small spill. Prevent entry into waterways, sewers, basements and confined areas.



# SAFETY DATA SHEET

Date issued : 03/13/2024

SDS number : SCR-15 A

## SCR-15 Part A

**Comments:** Avoid using earth, sand and clay as absorbents as these can be wet. Isocyanates react with water to form carbon dioxide. Carbon dioxide functions as a blowing agent, causing the product to form. Allow the waste container to stand loosely covered for 48 hours before closing. Reaction with water can be slow. Build up of carbon dioxide in a closed container can cause rupture.

### 7. Handling and storage

**Precautions for safe handling:** Do not get in eyes, on skin or on clothing. Wash hands before eating, drinking or smoking. Do not breathe vapors or mist. Use only with adequate ventilation. Keep container closed when not in use. Do not reseal if contaminated. Keep away from heat and flame.

**Conditions for safe storage:** Store in tightly closed containers in a cool, dry and well-ventilated area away from heat or sources of ignition. Keep out of direct sunlight.

**Storage temperature:** 15.5°C (60°F) Minimum to 37.7°C (100°F) Maximum

**Electrostatic accumulation hazard:** Product can accumulate static charges which can cause an electric spark.

### 8. Exposure controls/personal protection

#### Exposure controls

Control parameters				
		Occupational exposure limit values		
Chemical name	Type	ppm	mg/m <sup>3</sup>	
4,4'-Diphenylmethane Diisocyanate	OSHA PEL	TWA	0.02 [1]	0.2 [1]
	ACGIH TLV	TWA	0.005	
Heavy Aromatic Naphtha	OSHA PEL	TWA	500	2000
	ACGIH TLV	TWA		200
Naphthalene	OSHA PEL	TWA	10	50
	ACGIH TLV	TWA	10	50
		STEL		15

**Footnotes:**  
1. Ceiling

**Appropriate engineering controls:** Local exhaust ventilation used in combination with general ventilation as necessary to control air contaminates.

#### Individual protection measures, such as personal protective equipment

**Eye / face protection:** Wear a face shield and chemical safety glasses or goggles.

**Skin protection - hand protection:** Wear impervious gloves. Cover exposed skin.

**Respiratory protection:** For airborne exposure above the exposure limit(s), wear a NIOSH approved air-purifying respirator equipped with organic vapor cartridges. For situations where the atmospheric levels may exceed the level for which an air-purifying respirator is effective, use a positive-pressure air-supplying respirator.

**Occupational hygiene practices:** Avoid eating, drinking or smoking while using this product. Wash hands thoroughly after handling.

### 9. Physical and chemical properties

**Physical state:** Liquid

**Color:** Amber

**Odor:** Aromatic

**Freezing point:** Not established



# SAFETY DATA SHEET

Date issued : 03/13/2024

SDS number : SCR-15 A

## SCR-15 Part A

**Initial boiling point and boiling range:** Not established

**Flash point:** 66.1°C (151°F) Closed cup

**Evaporation rate (n-butyl acetate = 1):** Not established

**Relative vapor density:** Heavier than air

**Relative density:** 1.1 (water = 1) at 25°C (77°F)

**Solubility:** Insoluble

**Auto-ignition temperature:** Not established

**Dynamic viscosity:** 10 cP at 25°C (77°F)

### 10. Stability and reactivity

**Dangerous polymerization:** Will not occur

**Chemical stability:** Stable

**Hazardous decomposition products:** Carbon oxides, nitrogen oxides, isocyanates and trace amounts of hydrogen cyanide

**Incompatible materials:** This product will react with any materials containing active hydrogens such as water, alcohol, amines, bases and acids. The reaction with water is very slow under 122 °F (50 °C), but is accelerated at higher temperatures. Avoid copper alloys.

### 11. Toxicological information

#### Acute toxicity

Chemical name	LD <sub>50</sub> (oral) mg/kg(rat)	LD <sub>50</sub> (dermal) mg/kg(rabbit)	LC <sub>50</sub> (inhalation) mg/l
4,4'-Diphenylmethane Diisocyanate	> 10000 mg/kg	> 9400 mg/kg	0.49 mg/l/4h (rat)
Heavy Aromatic Naphtha	> 5000 mg/kg	> 2000 mg/kg	> 200 mg/l/4h (rat)
Diphenylmethane Diisocyanate Mixed Isomers	> 5000 mg/kg	> 5000 mg/kg	368 mg/m <sup>3</sup> /4h(rat)
Naphthalene	710 mg/kg (mouse)	> 5000 mg/kg	> 0.4 mg/l/4h (rat)

#### Carcinogenicity

Chemical name	NTP	IARC
Naphthalene	Reasonable anticipated to be a human carcinogen	Group 2B - Possibly carcinogenic to humans

### 12. Ecological information

#### Aquatic ecotoxicity

Chemical name	96-hour LC <sub>50</sub>	48-hour EC <sub>50</sub>
4,4'-Diphenylmethane Diisocyanate	> 1000 mg/l (Brachydanio rerio)	> 1000 mg/l (Daphnia magna)
Heavy Aromatic Naphtha		1.4 mg/l (Daphnia magna)
Naphthalene	1.6 mg/l (Oncorhynchus mykiss)	2.16 mg/l (Daphnia magna)

### 13. Disposal considerations

**Disposal methods:** Dispose in accordance with local, state, provincial or national regulations.

**Empty container:** Product residue is retained. Do not pressurize, cut, weld, brace, solder, drill, grind or expose container to heat, flame, sparks, static electricity or any other sources of ignition.



# SAFETY DATA SHEET

Date issued : 03/13/2024

SDS number : SCR-15 A

## SCR-15 Part A

**RCRA/EPA waste information:** If discarded in its purchased form, this material is not a RCRA hazardous waste.

**General comments:** The generation of waste should be avoided or minimized whenever possible. Chemical waste, even small quantities, should never be poured into drains, sewers or waterways.

### 14. Transport information

#### USA Department of Transport Regulations (DOT)

**Reportable quantity (RQ) under CERCLA:** 2000 lb.

**Note:** Combustible liquid for DOT ground shipping. In non-bulk container, this product is not regulated for ground transportation. Bulk container ships as RQ, NA1993, Combustible Liquid, NOS, (Petroleum Distillates), III

**ICAO / IATA - Air:** Not regulated as dangerous goods.

#### IMO / IMDG - International

**UN proper shipping name:** Environmentally Hazardous Substance, Liquid, NOS

**Technical name:** Petroleum Distillates

**UN number:** UN3082

**Transport hazard class:** 9

**Packing group:** III

**Environmental hazards - Marine pollutant:** Heavy Aromatic Naphtha

**Note:** Container less than or equal to 5 L is not subject to regulation if adequately packaged. [IMDG Code 3.3, Special Provision 969]

### 15. Regulatory information

#### UNITED STATES

##### SARA Title III

**311/312 Health hazards:** Aspiration Hazard, Carcinogenicity, Eye Irritation, Respiratory Sensitization, Skin Irritation, Skin Sensitization, Target Organ Toxicity (Repeated exposure), Target Organ Toxicity (Single exposure)

**311/312 Physical hazards:** Flammable Liquids

##### EPCRA Section 313 Toxic Chemicals

Chemical name	% w/w	CAS No.	Comments
4,4'-Diphenylmethane Diisocyanate	25 - 35	101-68-8	Diisocyanates category
Polymeric Diphenylmethane Diisocyanate	20 - 30	9016-87-9	Diisocyanates category
Naphthalene	1 - 5	91-20-3	

##### CERCLA Hazardous Substances and Reportable Quantities (RQ)

Chemical name	% w/w	CERCLA RQ
4,4'-Diphenylmethane Diisocyanate	25 - 35	5000 lb.
Naphthalene	1 - 5	100 lb.

##### TSCA (The Toxic Substances Control Act)

**TSCA regulatory:** All components are in TSCA inventory.

##### California Proposition 65

Chemical name	% w/w	Listed
Naphthalene	1 - 5	● Cancer

**National response center:** Any spill or release to the environment above the RQ must be reported to the National Response



# SAFETY DATA SHEET

Date issued : 03/13/2024

SDS number : SCR-15 A

## SCR-15 Part A

Center (800-424-8802).

### 16. Other information

Approved by: L. P. Title: EHS

Date Prepared: 03/13/2024

#### Additional SDS information:

ACGIH	American Conference of Governmental Industrial Hygienists
CAS	Chemical Abstracts Service
EC <sub>50</sub>	Median effective concentration
EINECS	European Inventory of Existing Commercial Chemical Substances
GHS	Globally Harmonized System of Classification and Labelling of Chemicals
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods
IMO	International Maritime Organization
LC <sub>50</sub>	Lethal concentration to 50% of exposed laboratory animals
LD <sub>50</sub>	Lethal dose to 50% of exposed laboratory animals
TWA	Time-weighted average
TLV	Threshold limit value
NIOSH	US National Institute of Occupational Safety and Health
NE	Not established
NTP	US National Toxicology Program
OEL	Occupational exposure limit
OSHA	US Occupational Safety Health Administration
PEL	Permissible exposure limit
RQ	Reportable quantity
STEL	Short term exposure limit
U.S. DOT	United States Department of Transportation

**Manufacturer disclaimer:** The information in this SDS was obtained from sources that we believe are reliable. The information is provided without warranty, implied or expressed, concerning accuracy. The manufacturer assumes no legal responsibility for use or reliance on this information. This SDS is provided solely for the purpose of conveying health, safety, and environmental information. This SDS is not a specification data sheet. Some of the information and conclusions may be derived from sources other than test data on the material itself.