



# Safety Data Sheet

## CR20

### **Section 1. Identification**

**Common name :** CR20

**Synonym :** None

**Material uses :** Protective coating, sealant and caulking

**Supplier / Manufacturer:**

**Condor Chimiques inc. / Condor Chemicals inc.**

2645-B, boulevard Terra-Jet

Saint-Cyrille-de-Wendover

Québec, Canada, J1Z 1B3

Phone: 819-474-6661

**In case of emergency:**

**(819) 474-6661**

**CANUTEC : (613) 996-6666**

### **Section 2. Hazards identifications**

**Classification :**



Flammable liquid, Category 3

Carcinogenicity, Category 1A

Specific target organ toxicity - Repeated exposure, Category 1

Aspiration hazard, Category 1

**Signal word :** Danger

**Hazard statements:**

H226 : Flammable liquid and vapour.

H304 : May be fatal if swallowed and enters airways.

H350 : May cause cancer.

H372 : Causes damage to organs through prolonged or repeated exposure.

**Precautionary statements:**

P201 : Obtain special instructions before use.

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 dust/fumes/gas/mist/vapours/spray.

P264 : Wash exposed and/or contaminated area thoroughly after handling.

P270 : Do not eat, drink or smoke when using this product.

P280 : Wear protective gloves/protective clothing/eye protection/face protection.  
P301+P310 : IF SWALLOWED: Immediately call a POISON CENTER or a doctor.  
P308+P313 : If exposed: Call a POISON CENTER or doctor/physician.  
P314 : Get medical advice/attention if you feel unwell.  
P331 : Do NOT induce vomiting.  
P370+P378 : In case of fire: See section 5 for extinguishing media.  
P403+P235 : Store in a well ventilated place. Keep cool.  
P405 : Store locked up.  
P501 : Dispose of contents / container by a local waste disposal company according to regional regulations.

### **Section 3. Composition and information on ingredients**

<b><u>Name</u></b>	<b><u>CAS</u></b>	<b><u>Concentration %</u></b>
Stoddard solvent	8052-41-3	15 to 40
Asphalt	8052-42-4	15 to 40
Calcium carbonate	1317-65-3	15 to 40
Cellulose	9004-34-6	1 to 5
Crystalline silica	14808-60-7	0.1 to 1

### **Section 4. First aid measures**

#### **Description of first aid if required:**

Move out of dangerous area. Consult a physician. Show this safety data sheet to the doctor in attendance.

**Eye contact:** Rinse eyes thoroughly with water for at least 15 minutes.

**Skin contact:** Wash with plenty of water and soap.

**Inhalation:** Bring the conscious victim to fresh air.

**Ingestion:** Do NOT induce vomiting. Immediately call a POISON CENTER or a doctor.

#### **Indication of immediate medical attention and special treatment needed, if necessary:**

Do not give anything by mouth to an unconscious victim.

### **Section 5. Fire fighting measures**

#### **Flammability of the product :**

Flammable

#### **Flash point :**

43°C / 109.4°F closed cup

#### **Auto-ignition temperature :**

229°C / 444.2°F

#### **Products of combustion :**

Carbon oxides, nitrogen oxides, sulfur oxides, calcium oxides and hydrogen sulfide

#### **Special protective actions for fire-fighters :**

Wear self-contained breathing apparatus with full face shield and appropriate protective clothing.

#### **Suitable extinguishing media :**

Use water fog, foam, dry chemical or carbon dioxide. Do not use straight of water.

#### **Lower limit of explosivity :**

1%

#### **Upper limit of explosivity :**

6%

## **Section 6. Accidental release measures**

Keep the area well ventilated. Eliminate sources of ignition.

### **Personal precautions, protective equipment and emergency procedures:**

**For non-emergency personnel:** Evacuate the area.

**For emergency personnel:** Splash goggles, full suit, chemical resistant gloves. A self-contained breathing apparatus is recommended to avoid inhalation of the product. Suggested protective clothing might not be sufficient. Consult a specialist before handling this product.

### **Environmental precautions:**

Do not let product enter drains

### **Methods and material for containment and cleaning up:**

Use appropriate tools to put the spilled solid in a convenient waste disposal container.

## **Section 7. Handling and storage**

### **Precautions in Handling:**

Do not ingest. Do not breathe mist or vapors. Wear suitable protective clothing. In case of insufficient ventilation, wear suitable respiratory equipment. Avoid contact with skin and eyes. Keep away from heat, sparks, open flame, or other sources of ignition. To avoid the accumulation of electrostatic charges.

### **Precautions in Storage:**

Keep container tightly closed in a cool, dry and well-ventilated place away from heat sources. Keep away from oxidizing materials.

## **Section 8. Exposure Controls, Personal Protections**

### **Control parameters:**

<b>Component</b>	<b>CAS</b>	<b>Value</b>	<b>Control parameters</b>	<b>Basis</b>
Asphalt	8052-42-4	TWA	5 mg/m <sup>3</sup>	CNESST
Stoddard solvent	8052-41-3	TWA	525 mg/m <sup>3</sup>	CNESST
Calcium carbonate	1317-65-3	TWA	10 mg/m <sup>3</sup> (total dusts)	CNESST
Crystalline silica	14808-60-7	TWA	0.1 mg/m <sup>3</sup> (total dusts) (inhalable fraction)	CNESST
Cellulose	9004-34-6	TWA	3 mg/m <sup>3</sup> (total dusts)	CNESST

### **Engineering controls:**

Use mechanical exhaust or laboratory fumehood to avoid exposure.

### **Personal protective equipment:**

**Eyes:** Wear safety glasses.

**Skin/body:** Wear a lab coat or any other appropriate protective clothing.

**Respiratory:** If ventilation is insufficient, choose appropriate respiratory protection according to levels and duration of exposure.

**Hands:** Wear chemical resistant protective gloves.

## **Section 9. Physical and chemical properties**

**Physical state:** Liquid

**Color:** Black

**Odour:** Solvent

**Melting point/Freezing point:** Data not available

**Boiling point:** From 154°C / 309.2°F to 204°C / 399.2°F

**Appearance:** Thick liquid

**Lower explosion limits:** 1%

**Upper explosion limits:** 6%

**Flash point:** 43°C / 109.4°F closed cup

**Auto-ignition temperature:** 229°C / 444.2°F

**pH:** Data not available

**Solubility:** Insoluble

**Density:** 1.16 g/cm<sup>3</sup>

**Evaporation rate:** 0.1 (butyl acetate = 1)

**VOC:** 300 g/L maximum

**Volatility:** 20 to 30% (v/v)

## **Section 10. Stability and reactivity**

**Chemical stability:** Stable under recommended storage conditions.

**Conditions to avoid:** Heat, flames, sparks, electrostatic discharges

**Incompatible materials:** Strong oxidizing agents, strong acids and fluorine.

**Products of combustion:** Carbon oxides, nitrogen oxides (NO<sub>x</sub>), sulfur oxides (SO<sub>x</sub>), calcium oxides and hydrogen sulfide (HS).

## **Section 11. Toxicological information**

### **Acute toxicity :**

Stoddard solvent	8052-41-3	DL <sub>50</sub> Oral : Rat > 5000 mg/kg DL <sub>50</sub> Cutaneous : Rabbit > 3000 mg/kg CL <sub>50</sub> Inhalation : Rat - > 5.5 mg/L 4h CL <sub>50</sub> Inhalation : Rat - = 1400 ppm 8h
Asphalt	8052-42-4	DL <sub>50</sub> Oral : Rat > 5000 mg/kg
Calcium carbonate	1317-65-3	DL <sub>50</sub> Oral : Rat = 6450 mg/kg
Cellulose	9004-34-6	DL <sub>50</sub> Oral : Rat > 5000 mg/kg CL <sub>50</sub> Inhalation : Rat - > 5800 mg/m <sup>3</sup> 4h

### **Skin corrosion/irritation :**

Not applicable

### **Serious eye damage/irritation :**

Not applicable

**Respiratory or skin sensitisation :**

Not applicable

**Gem cell mutagenicity :**

Not applicable

**Carcinogenicity :**

Asphalt : Suspected of causing cancer.

Crystalline silica : Human carcinogenicity, category 1 (IARC)

**Reproductive toxicity :**

Not applicable

**STOT- Single exposure :**

Not applicable

**STOT- repeated exposure :**

Stoddard solvent : Causes damage to kidneys and central nervous system through prolonged or repeated exposure cause the hazard.

Crystalline silica : May cause damage to lungs through prolonged or repeated exposure

**Aspiration hazard :**

Stoddard solvent : May be fatal if swallowed and enters airways

**Information on likely route of exposure :**

Skin, eyes, inhalation and ingestion

**Section 12. Ecological information****Ecological data for aquatic environments :**

None

**Persistence and degradability :**

No data available

**Bioaccumulative potential :**

No data available

**Mobility in soil :**

No data available


**Other adverse effects :**

No data available


**Section 13. Disposal considerations****Waste disposal :**


Dispose of the chemical waste in conformity with the federal, provincial and local laws. Store the residues of the product in safe containers. Place the containers in storage area of dangerous chemical waste.


## Section 14. Transportation information

TDG		
UN number: UN1999	Proper shipping name : TARS, LIQUID, including road oils, and cutback bitumen.	
Class : 3	Packing group : III	

The flash point of this product is above 37.8 ° C. In accordance with section 1.33 of the TDG Regulations, containers of 450L and below may be shipped as unregulated containers.

DOT		
UN number: UN1999	Proper shipping name : TARS, LIQUID, including road oils, and cutback bitumen.	
Class : 3	Packing group : III	

IMDG		
UN number: UN1999	Proper shipping name : TARS, LIQUID, including road oils, and cutback bitumen.	
Class : 3	Packing group : III	

IATA		
UN number: UN1999	Proper shipping name : TARS, LIQUID, including road oils, and cutback bitumen.	
Class : 3	Packing group : III	

## Section 15. Regulatory information

### NFPA Classification :



Health : 1  
 Flammable : 2  
 Reactivity : 0  
 Specials conditions : 0

Legend: 4: Severe, 3: High, 2: Moderate, 1: Slightly, 0: Not hazardous

## Section 16. Additional information

### Date of issue :

2017-10-23

### Version :

2.00

### Elaborated by :

Toxyscan inc.

**Notice to reader :**

To the best of our knowledge, the information contained herein is accurate. However, neither Toxyscan inc., nor Condor Chemicals inc., nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

**Références :**

- *Répertoire toxicologique of la Commission des normes, de l'équité, de la santé et de la sécurité du travail.*
- *Registry of Toxic effects of Chemical Substances of the Canadian Centre for Occupational Health and Safety.*
- *Material safety data sheet from the manufacturer.*
- *Hazardous Products Regulations (DORS/2015-17).*
- *Canadian Transport of Dangerous Goods.*
- *The Globally Harmonized System of Classification and Labelling of Chemicals (GHS) <http://www.hc-sc.gc.ca/a>*