



DANSOON CHEMICALS SDN. BHD.
DONSON CA BLACK SEAL
SAFETY DATA SHEET

SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

1.1 Product identifier

Product name DONSON CA BLACK SEAL ADHESIVE
Trade name DONSON CA BLACK SEAL ADHESIVE

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

Identified uses Contact Adhesive for flexible elastomeric foam

1.3 Details of the supplier of the safety data sheet

Manufactured/Supplier DANSOON CHEMICALS SDN. BHD.
Address No.142, Jalan Permata 1/5,
Arab Malaysian Industrial Park,
71800 Nilai, Negeri Sembilan Darul Khusus,
Malaysia.
Website <http://www.donson.com.my>
Email donsonchemicals@gmail.com
Telephone No. +606-799 8777
Fax No. +606-799 2212

1.4 Emergency telephone number

+606-799 8777 (Only during office hours)

SECTION 2 : HAZARD IDENTIFICATION

2.1 Classification of the substance or mixture

- a) Physical Hazards Flammable liquid Category 3
- b) Health Hazards Acute toxicity (oral) Category 4
Acute toxicity (dermal) Category 4
Acute toxicity (inhalation) Category 4
Skin corrosion or irritation Category 2
Skin sensitization Category 1

2.2 GHS label elements

Hazard Pictograms





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GHS02

GHS07

Signal word

Danger

Hazard Statements

H225	Highly flammable liquid and vapour.
H302	Harmful if swallowed.
H332	Harmful if inhaled.
H315	Causes skin irritation.
H320	Causes eye irritation.
H336	May cause drowsiness or dizziness.
H304/305	May be fatal if swallowed and enters airways.

Precautionary Statements - Prevention

P210	Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P233	Keep container tightly closed.
P241	Use explosion-proof electrical equipment.
P242	Only use non-sparking tools.
P243	Take precautionary measures against static discharge.
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P262	Do not get in eyes, on skin, or on clothing.
P264	Wash face, hands, and any exposed skin thoroughly after handling.
P270	Do not eat, drink, or smoke when using this product.
P271	Use only outdoor or in a well-ventilated area.
P273	Avoid release to environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P362	Take off contaminated clothing and wash before reuse.

Precautionary Statements - Response

P370+P378	In case of fire: Use foam, carbon dioxide, dry power or water fog for extinction.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P303+P361+P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+P340	IF INHALED: Remove victim to fresh air and keep at rest in a position 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.
P312	Call a POISON CENTER or doctor/physician if you feel unwell.
P313	Get medical advice/attention.
P332+P313	If skin irritation occurs: Get medical advice/attention.

Precautionary Statements - Storage

P403+P233	Store in a well ventilated place. Keep container tightly closed.
P403+P235	Store in a well ventilated place. Keep cool.

Precautionary Statements - Disposal

P501	Dispose of contents/container in accordance with local regulations.
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2.3 Effect of exposure

Inhalation

Acute effects of over exposure to solvent vapours include mild respiratory tract irritation, light headedness, dizziness, headache, drowsiness leading to unconsciousness on extreme over exposure.

Skin

Frequent / prolonged contact may cause irritation or dermatitis.

Eyes

Splashes in eyes may cause temporary irritation or discomfort.

Ingestion

Nausea and discomfort accentuated by evaporation of solvent with symptoms of solvent vapour over exposure, serious danger aspiration into lungs.

SECTION 3 : COMPOSITION / INFORMATION ON INGREDIENT

3.1 General chemical description

DONSON CA BLACK SEAL Adhesive contains flammable and harmful petroleum solvent mixture. It is special elastomer-based adhesive preparation in petroleum solvent mixture.

3.2 Classification of the substance or mixture

Substance	CAS No.	Classification	Percentage
Chloroprene Rubber	09010-98-4	No classified	15 - 30%
Toluene	108-88-3	H225 - Flam. Liq. 2 H361 - Repr. 2 H304 - Asp. Haz. H373 - STOT RE 2 H315 - Skin Irrit. 2 H336 - STOT SE 3	70 - 85%

The full text of R-Phrases and Hazard Statements are displayed in Section 16.

SECTION 4 : FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation

Move person to fresh air. Keep warm and at rest. Do not allow to smoke. Obtain medical advice.

Skin contact

Wipe off excess and wash with soap and water. Proprietary skin cleansers may help removal from skin – Do not use solvents. Obtain medical advice if skin irritation persists.

Eyes contact



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Flush immediately with plenty of water or saline eye wash solution and continue rinsing for ten minutes. Obtain medical advice.

Ingestion

Clear material mouth and throat and obtain immediate medical attention. Show this data sheet or product label. Do not induce vomiting.

SECTION 5 : FIRE FIGHTING MEASURES

5.1 Extinguishing media

Extinguishing Media

Fire can be extinguished using: carbon dioxide, chemical powder, foam, water fog. Do not use water jet.

5.2 Special hazards arising from the substance

Unusual Fire & Explosion Hazards

Keep a considerable distance to the source of ignition. Heat may cause the container to explode.

Combustion Products

Smoke, Carbon monoxide (CO), Carbon Dioxide (CO₂), chlorinated polymer combustion and degradation products including hydrochloric acid fumes.

5.3 Advice for firefighters

Special Precautions

Cool closed containers in vicinity of fire with water spray. Wear breathing equipment if significant amounts are involved.

SECTION 6 : ACCIDENTAL RELEASE MEASURE

6.1 Personal precaution, protective equipment and emergency procedures

Eliminate sources of ignition and ventilate the area. Wear protective clothing as described in Section 8 of this safety data sheet.

6.2 Environmental precautions

Prevent entry into drains and sewers.

6.3 Methods and materials for containment and cleaning up

Avoid contact with skin and inhalation. Absorb with sand or proprietary absorbent and transfer to container for disposal. Do not contaminate water sources or sewer.

6.4 Reference to other sections

Wear protecting clothing as described in Section 8 of this safety data sheet.



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SECTION 7 : HANDLING AND STORAGE

7.1 Personal precautions

Respiratory

Exposure to solvent vapours should be controlled by general and / or local exhaust ventilation.

Where this is not practicable, suitable respirators must be worn.

Skin

Wear suitable gloves if skin contact cannot be avoided.

Eyes

Avoid contact.

Other Precautions

See Section 8: Exposure Controls and Personal Protection

7.2 Fire Precautions

The solvent vapours are highly flammable and heavier than air. Keep away from sources of ignition – flames, sparks, hot surfaces, electrical equipment, heating appliances, extinguish pilot lights.

Maintain efficient ventilation / extraction using flame proof equipment where necessary.

Equipment / machinery should be earthed to prevent static electricity build – up. Close container firmly after use.

7.3 Conditions for safe storage, including any incompatibilities

Store in tightly closed container in a cool well ventilated place.

SECTION 8 : EXPOSURE CONTROL/PERSONAL PROTECTION

8.1 Control parameters

Substance	Source	Limit	Notation
Chloroprene Rubber	None Listed	None Listed	
Toluene	ACGIH TLV (TWA)	20 ppm	
Toluene	OSHA PEL (TWA)	200 ppm	

8.2 Exposure controls

Engineering Measures

Local exhaust is recommended. Provide adequate ventilation. Observe Occupational Exposure Limits and minimize the risk of the inhalation of vapors.

Individual Protective Equipment



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8.2 Individual Protection

Ventilation

Requirements will be subject to working arrangements and quantities of adhesive used. Local exhaust ventilation is generally most effective at bench level – solvent vapours are heavier than air.

Respiratory Protective Equipment

Half – mask respirators fitted with the appropriate A1 or A2 organic vapour cartridge are suitable for general use. Airline or self – contained breathing equipment could be required under extreme conditions and for emergency use. Check suitability with equipment suppliers / manufacturers.

Hand Protection

Nitrile rubber gloves generally provide good solvent resistance but can be degraded by certain solvents – particularly ketenes. Check manufacturer's recommendation.

Eyes Protection

Wear safety spectacles / goggles as appropriate.

Skin and Body Protection

Wear suitable protective clothing, e.g. apron and overalls and launder regularly. Discard heavily contaminated clothing immediately. Do not wear nylon, rayon or other synthetic fibre based or silk outer clothing which may generate static electricity.

Hygiene Measures

Wash promptly if skin becomes contaminated. Wash hands at the end of each work shift before eating, smoking and using the toilet.

Other Information

When using, do not eat, drink, or smoke.

SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical State	Liquid
Appearance	Black, non-transparent
Odour	Aromatic
Viscosity	6000 ± 500 cps



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Solid content	22 ± 2%
Solubility	Insoluble in water
Boiling Temperature (hPa)	66-115°C
Flash Point	28.0
Melting Point	No data available / Not applicable
Vapour Pressure / mm or Hg (25°C)	No data available / Not applicable
Specific Gravity	0.79
Auto-ignition Temperature	No data available / Not applicable
Flammable limit / %	No data available / Not applicable

SECTION 10 : STABILITY AND REACTIVITY

10.1 Reactivity

No specific reactivity hazardous changes over an indefinite period of normal storage.

10.2 Chemical stability

Avoid heat, sparks and flames. Stable under normal temperature conditions. Solvent evaporation will occur from improperly closed containers.

10.3 Possibility of hazardous reactions

Not applicable.

10.4 Conditions to avoid

Avoid contact with acids.

10.5 Incompatible materials

Materials To Avoid
Strong acids.

10.6 Hazardous decomposition method

Fire creates: Carbon monoxide (CO), Carbon Dioxide (CO₂).

SECTION 11 : TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Inhalation

Inhalation is the most significant route of exposure to solvents. Acute or immediate symptoms of over exposure include mild respiratory tract irritation, light headedness, headache, drowsiness, tiredness leading to unconsciousness on extreme over exposure.



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Petroleum Hydrocarbon Distillate: This solvent consists essentially of a mixture of aliphatic hydrocarbons with a maximum n-hexane content of 5%. There is no clear evidence of long term effects associated with the use of this type of low n-hexane solvent under normal controlled conditions.

Ingestion

Ingestion may cause severe irritation of the mouth, the esophagus and the gastrointestinal tract.

Skin Contact

Solvents have a deflating action on the skin. The combined effect of solvents and resin present in the adhesive may irritate the skin and a few susceptible individuals could develop an allergy to the resin.

Eye Contact

Irritating to eyes. May cause chemical eye burns.

SECTION 12 : ECOLOGICAL INFORMATION

Ecotoxicity

The petroleum hydrocarbon distillate is classified by the solvent producers as Dangerous for the Environment *with Risk Phrase R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

*Classification tests carried out by the solvent producers.

12.1 Toxicity

No data available.

12.2 Persistence and degradability

Degradability

No data available.

12.3 Bioaccumulative potential

Bioaccumulative Potential

No data available on bioaccumulation.

12.4 Mobility in soil

Mobility

Adsorbs to soil and has low mobility.

Floats on water.

12.5 Other adverse effects

No data available.



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SECTION 13 : DISPOSAL CONSIDERATION

13.1 Waste treatment methods

Disposal of waste product and containers are set by local authorities. Waste must only be transported and disposed of by authorized or registered contractors. This applies also to used or “empty” containers which may contain hazardous residues and vapors.

SECTION 14 : TRANSPORT INFORMATION

14.1 UN number

ADR/RID	
IMDG	1133
IATA - DGR	1133
	1133

14.2 UN proper shipping name

ADR/RID	ADHESIVE
IMDG	ADHESIVE
IATA - DGR	ADHESIVE

14.3 Transport hazard class

ADR/RID	Class 3
IMDG	Class 3
IATA - DGR	Class 3
Transport Labels	



14.4 Packing group

ADR/RID	III
IMDG	III
IATA - DGR	III

14.5 Environmental hazards

Marine Pollutant	No
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14.6 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

ADR/RID	No data available
IMDG	No data available
IATA - DGR	No data available

14.7 Special precaution for user

No data available.

SECTION 15 : REGULATORY INFORMATION

15.1 References to Legislation

- Occupational Safety and Health (Classification, Packing and Labeling of Hazardous Chemical) Regulations 2013
- Occupational Safety and Health (Use and Standard of Exposure of Chemical Hazardous to Health) Regulations 2000

SECTION 16 : OTHER INFORMATION

This information is accurate to the best of knowledge of DANSOON CHEMICALS SDN. BHD. and is given on the understanding that the product will be in accordance with any instructions given with the product. Should any use be contemplated outside these instructions then appropriate advice should be sought.

Risk Phrases

R11	Highly flammable.
R20/21/22	Harmful by inhalation, in contact with skin and if swallowed.
R36	Irritating to eyes.
R37	Irritating to respiratory system.
R38	Irritating to skin.
R48	Danger of serious damage to health by prolonged exposure.

Safety Phrases

S16	Keep away from sources of ignition – No smoking.
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S28	After contact with skin wash immediately with plenty of soap.
S46	If swallowed seek medical advice immediately (show the container or label).



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S51 Use only in well ventilated areas.
S29 Do not empty into drains.
S33 Take precautionary measures against static discharges.

Abbreviations

GHS	Globally Harmonized System of Classification and Labelling of Chemicals
CAS	Chemical Abstracts Service (Division of the American Chemical Society)
ACGIH	American Conference of Government Industrial Hygienists
OSHA	Occupational Safe and Health Act
TLV	Threshold Limit Value
PEL	Permissible Exposure Limit
TWA	Time – weighted average
ppm	part per million
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
IMDG	International Maritime Dangerous Goods
IATA	International Air Transport Association

Prepared by Technician Manager
Issued date 20/01/2020