





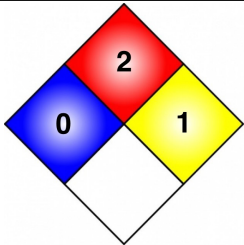









1 Identification of the substance/mixture and of the company/undertaking	
· 1.1 Product identifier	Page 1/11
· Trade name: DSR-5 Silicone & Adhesive Remover	
· Application of the substance / the preparation Silicone and Adhesive Remover	
· 1.3 Details of the supplier of the Safety Data Sheet	
· Manufacturer/Supplier:	
So-Brite Chemicals International, Inc.	
6413 Carmella Way, Sarasota, Florida 34243	
Tel (941) 753-5669	
· Further information obtainable from: Product Safety Department	
· 1.4 Emergency telephone number:	
ChemTel Inc.	
(800)255-3924, +1 (813)248-0585	
2 Hazards identification	
· 2.1 Classification of the substance or mixture	
· Classification according to Regulation (EC) No 1272/2008	
GHS02 flame	
Flam. Liq. 3 H226 Flammable liquid and vapour.	
GHS08 health hazard	
Asp. Tox. 1 H304 May be fatal if swallowed and enters airways.	
GHS07	
Eye Irrit. 2 H319 Causes serious eye irritation.	
· Classification according to Directive 67/548/EEC or Directive 1999/45/EC	
Xn; Harmful 	
R65: Harmful: may cause lung damage if swallowed.	
Xi; Irritant 	
R36: Irritating to eyes.	
R10: Flammable.	
· Information concerning particular hazards for human and environment:	
The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.	
· Classification system:	
The classification is according to the latest editions of the EU-lists, and extended by company and literature data.	
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Safety Data Sheet according to 1907/2006/EC (REACH), 1272/2008/EC (CLP), and GHS


Printing date 01.06.2015

Trade name: DSR-5 Silicone & Adhesive Remover		Page 2/11
· 2.2 Label elements		
· Labelling according to Regulation (EC) No 1272/2008		
The product is classified and labelled according to the CLP regulation.		
· Hazard pictograms		
		
GHS02 GHS07 GHS08		
(Contd. of page 1)		
· Signal word Danger		
· Hazard-determining components of labelling:		
(ALIPHATIC HYDRICARBON)		
Distillates (petroleum), hydrotreated light		
· Hazard statements		
H226 Flammable liquid and vapour. H319 Causes serious eye irritation.		
H304 May be fatal if swallowed and enters airways.		
· Precautionary statements		
P101	If medical advice is needed, have product container or label at hand.	
P102	Keep out of reach of children.	
P103	Read label before use.	
P210	Keep away from heat/sparks/open flames/hot surfaces. - No smoking.	
P241	Use explosion-proof electrical/ventilating/lighting/equipment.	
P280	Wear protective gloves/protective clothing/eye protection/face protection.	
P240	Ground/bond container and receiving equipment.	
P233	Keep container tightly closed. P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.	
P264	Wash thoroughly after handling.	
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.	
P303+P361+P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.	
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/attention.	
P331	Do NOT induce vomiting.	
P370+P378	In case of fire: Use for extinction: CO2, powder or water spray.	
P405	Store locked up.	
P403+P235	Store in a well-ventilated place. Keep cool.	
P501	Dispose of contents/container in accordance with local/regional/national/international regulations.	
· Hazard description:		
· WHMIS-symbols:		
B3 - Combustible liquid		
(Contd. on page 3)		

Trade name: DSR-5 Silicone & Adhesive Remover		Page 3/11
D2B - Toxic material causing other toxic effects		(Contd. of page 2)
· NFPA ratings (scale 0 - 4)		
	Health = 1	
	Fire = 2	
	Reactivity = 0	
· HMIS-ratings (scale 0 - 4)		
	Health = 1	
	Fire = 2	
	Reactivity = 0	
· 2.3 Other hazards		
· Results of PBT and vPvB assessment		
· PBT: Not applicable.		
· vPvB: Not applicable.		
3 Composition/information on ingredients		
· Description: Mixture of substances listed below with nonhazardous additions.		
· Dangerous components:		
(ALIPHATIC HYDRCARBON)  Xn R65;  Xi R36;  F+ R12		90-100%
 Flam. Liq. 3, H226; Self-react. CD, H242  Asp. Tox. 1, H304  Eye Irrit. 2, H319		
· Additional information: For the wording of the listed risk phrases refer to section 16.		
4 First aid measures		
· 4.1 Description of first aid measures		
· General information:		
Immediately remove any clothing soiled by the product.		
Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.		
· After inhalation: Supply fresh air; consult doctor in case of complaints.		
· After skin contact:		
Immediately wash with water and soap and rinse thoroughly.		
(Contd. on page 4)		




Trade name: DSR-5 Silicone & Adhesive Remover	Page 4/11
If skin irritation continues, consult a doctor.	(Contd. of page 3)
· After eye contact:	
Remove contact lenses if worn.	
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.	
· After swallowing:	
Do not induce vomiting; call for medical help immediately.	
A person vomiting while laying on their back should be turned onto their side. Rinse out mouth and then drink plenty of water.	
· 4.2 Most important symptoms and effects, both acute and delayed Breathing difficulty	
· Hazards	
Danger of pulmonary oedema. Danger of pneumonia.	
· 4.3 Indication of any immediate medical attention and special treatment needed	
If swallowed or in case of vomiting, danger of entering the lungs.	
5 Firefighting measures	
· 5.1 Extinguishing media	
· Suitable extinguishing agents: CO2, sand, extinguishing powder. Do not use water.	
· For safety reasons unsuitable extinguishing agents: Water	
· 5.2 Special hazards arising from the substance or mixture No further relevant information available.	
· 5.3 Advice for firefighters	
· Protective equipment:	
Wear self-contained respiratory protective device. Wear fully protective suit.	
6 Accidental release measures	
· 6.1 Personal precautions, protective equipment and emergency procedures	
Wear protective equipment. Keep unprotected persons away. Particular danger of slipping on leaked/spilled product.	
Keep away from ignition sources. Ensure adequate ventilation	
· 6.2 Environmental precautions:	
Prevent from spreading (e.g. by damming-in or oil barriers). Do not allow to enter sewers/ surface or ground water.	
· 6.3 Methods and material for containment and cleaning up:	
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose contaminated material as waste according to item 13.	
· 6.4 Reference to other sections	
See Section 7 for information on safe handling.	
See Section 8 for information on personal protection equipment. See Section 13 for disposal information.	
(Contd. on page 5)	

Trade name: DSR-5 Silicone & Adhesive Remover	Page 5/11
7 Handling and storage	(Contd. of page 4)
· 7.1 Precautions for safe handling	
Ensure good ventilation/exhaustion at the workplace. Prevent formation of aerosols.	
· Information about fire - and explosion protection:	
Keep ignition sources away - Do not smoke. Protect from heat.	
Protect against electrostatic charges.	
· 7.2 Conditions for safe storage, including any incompatibilities	
· Storage:	
· Requirements to be met by storerooms and receptacles: Store in a cool location.	
· Information about storage in one common storage facility: Not required.	
· Further information about storage conditions:	
Keep container tightly sealed.	
Protect from heat and direct sunlight. Store in a cool place.	
· 7.3 Specific end use(s) No further relevant information available.	
8 Exposure controls/personal protection	
· Additional information about design of technical facilities: No further data; see item 7.	
· 8.1 Control parameters	
· Ingredients with limit values that require monitoring at the workplace:	
64742-47-8 Distillates (petroleum), hydrotreated light	
EL (Canada)	200 mg/m ³ Skin
· Additional information: The lists valid during the making were used as basis.	
· 8.2 Exposure controls	
· Personal protective equipment:	
· General protective and hygienic measures:	
Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing Wash hands before breaks and at the end of work.	
Avoid contact with the eyes.	
Avoid contact with the eyes and skin.	
· Respiratory protection:	
Not necessary if room is well-ventilated.	
Use suitable respiratory protective device in case of insufficient ventilation.	
· Protection of hands:	
Protective gloves	
(Contd. on page 6)	

Trade name: Silicone & Adhesive Remover	Page 6/11
(Contd. of page 5)	
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.	
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation	
· Material of gloves	
Rubber gloves	
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.	
· Penetration time of glove material	
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.	
· Eye protection:	
Safety glasses	
· Body protection: Protective work clothing	
9 Physical and chemical properties	
· 9.1 Information on basic physical and chemical properties	
· General Information	
· Appearance:	
· Form:	Liquid
· Colour:	Colourless
· Odour:	Petrol-like
· Odour threshold:	Not determined.
· pH-value:	Not determined.
· Change in condition	
· Melting point/Melting range:	Undetermined.
· Boiling point/Boiling range:	158°C
· Flash point:	40,6°C
· Flammability (solid, gaseous):	Not applicable.
· Ignition temperature:	210°C
· Decomposition temperature:	Not determined.
· Self-igniting:	Product is not selfigniting.
· Danger of explosion:	Product is not explosive. However, formation of explosive air/vapour mixtures are possible.
(Contd. on page 7)	

Trade name: DSR-5 Silicone & Adhesive Remover	Page 7/11
<p>· Explosion limits: Lower: 0,5 Vol % Upper: 6,5 Vol %</p>	
<p>· Vapour pressure at 20°C: 2 hPa</p>	
<p>· Density at 20°C: 0,73 g/cm³ · Relative density: Not determined. · Vapour density: Not determined. · Evaporation rate: Not determined.</p>	
<p>· Solubility in / Miscibility with water: Insoluble.</p>	
<p>· Segregation coefficient (n-octanol/water): Not determined.</p>	
<p>· Viscosity: Dynamic: Not determined. Kinematic: Not determined.</p>	
<p>· Solvent content: Organic solvents: 0,0 % · 9.2 Other information: No further relevant information available.</p>	
<p>10 Stability and reactivity</p>	
<p>· 10.1 Reactivity</p>	
<p>· 10.2 Chemical stability</p>	
<p>· Thermal decomposition / conditions to be avoided:</p>	
<p>No decomposition if used according to specifications.</p>	
<p>· 10.3 Possibility of hazardous reactions</p>	
<p>Can react violently with oxygen rich (oxidizing) material. Danger of Explosion.</p>	
<p>Can form explosive mixtures in air if heated above flash point and/or when sprayed or atomised.</p>	
<p>· 10.4 Conditions to avoid: No further relevant information available.</p>	
<p>· 10.5 Incompatible materials: No further relevant information available.</p>	
<p>· 10.6 Hazardous decomposition products: Carbon monoxide and carbon dioxide</p>	
<p>11 Toxicological information</p>	
<p>· 11.1 Information on toxicological effects</p>	
<p>· Acute toxicity:</p>	
<p>· LD/LC50 values relevant for classification:</p>	
<p>64742-48-9 Naphtha (petroleum), hydrotreated heavy</p>	
Oral	LD50 >5000 mg/kg (rat)
Dermal	LD50 >3000 mg/kg (rab)
<p>(Contd. on page 8)</p>	

Trade name: DSR-5 Silicone & Adhesive Remover	Page 8/11
· Primary irritant effect:	
· on the skin: No irritant effect.	
· on the eye: Irritating effect.	
· Sensitization: No sensitizing effects known.	
· Additional toxicological information:	
The product shows the following dangers according to the calculation method of the General EU	
Classification Guidelines for Preparations as issued in the latest version: Irritant	
12 Ecological information	
· 12.1 Toxicity	
· Aquatic toxicity: No further relevant information available.	
· 12.2 Persistence and degradability Moderately /partly biodegradable	
· 12.3 Bioaccumulative potential May be accumulated in organism	
· 12.4 Mobility in soil No further relevant information available.	
· Ecotoxicological effects:	
· Remark:	
The product is oxygen-consuming. The declared action may be partly caused by lack of oxygen. Due to mechanical actions of the product (e.g. agglutinations) damages may occur.	
· Additional ecological information:	
· General notes:	
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water	
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.	
· 12.5 Results of PBT and vPvB assessment	
· PBT: Not applicable.	
· vPvB: Not applicable.	
· 12.6 Other adverse effects No further relevant information available.	
13 Disposal considerations	
· 13.1 Waste treatment methods	
· Recommendation	
Can be burned with household garbage after consulting with the waste disposal facility operator and the pertinent authorities and adhering to the necessary technical regulations.	
Smaller quantities can be disposed of with household waste.	
· Uncleaned packaging:	
· Recommendation: Disposal must be made according to official regulations.	
· Recommended cleansing agents: Water, if necessary together with cleansing agents.	
(Contd. on page 9)	

Trade name: DSR-5 Silicone & Adhesive Remover	Page 9/11
14 Transport information	
<ul style="list-style-type: none"> · 14.1 UN-Number · DOT · ADR, IMDG, IATA 	<p>NA1993 UN1993</p>
<ul style="list-style-type: none"> · 14.2 UN proper shipping name · DOT COMBUSTIBLE LIQUID, N.O.S. (ALIPHATIC HYDROCARBON, PETROLEUM DISTILLATES) · ADR 1993 FLAMMABLE LIQUID, N.O.S. (ALIPHATIC HYDROCARBON, PETROLEUM DISTILLATES) · IMDG, IATA FLAMMABLE LIQUID, N.O.S. (ALIPHATIC HYDROCARBON, PETROLEUM DISTILLATES) 	
<ul style="list-style-type: none"> · 14.3 Transport hazard class(es) · DOT · Class · Label 	<div style="display: flex; align-items: center;">  <p>3 Flammable liquids. 3</p> </div>
<ul style="list-style-type: none"> · ADR · Class · Label 	<div style="display: flex; align-items: center;">  <p>3 (F1) Flammable liquids. 3</p> </div>
<ul style="list-style-type: none"> · IMDG, IATA · Class · Label 	<div style="display: flex; align-items: center;">  <p>3 Flammable liquids. 3</p> </div>
<ul style="list-style-type: none"> · 14.4 Packing group · DOT, ADR, IMDG, IATA 	
<ul style="list-style-type: none"> · 14.5 Environmental hazards: · Marine pollutant: 	
<ul style="list-style-type: none"> · 14.6 Special precautions for user · Danger code (Kemler): · EMS Number: 	
<ul style="list-style-type: none"> · 14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code 	
<p>(Contd. on page 10)</p>	

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Trade name: DSR-5 Silicone & Adhesive Remover	Page 10/11
· Transport/Additional information:	
· ADR	
· Tunnel restriction code	D/E
· UN "Model Regulation": UN1993, FLAMMABLE LIQUID, N.O.S. (ALIPHATIC HYDROCARBON, PETROLEUM DISTILLATES)	
15 Regulatory information	
· 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture	
· United States (USA)	
· SARA	
· Section 355 (extremely hazardous substances):	
None of the ingredients is listed.	
· Section 313 (Specific toxic chemical listings):	
None of the ingredients is listed.	
· TSCA (Toxic Substances Control Act):	
All ingredients are listed.	
· Proposition 65 (California):	
· Chemicals known to cause cancer:	
None of the ingredients is listed.	
· Chemicals known to cause reproductive toxicity for females:	
None of the ingredients is listed.	
· Chemicals known to cause reproductive toxicity for males:	
None of the ingredients is listed.	
· Chemicals known to cause developmental toxicity:	
None of the ingredients is listed.	
· Carcinogenic Categories	
· EPA (Environmental Protection Agency)	
None of the ingredients is listed.	
· TLV (Threshold Limit Value established by ACGIH)	
None of the ingredients is listed.	
· NIOSH-Ca (National Institute for Occupational Safety and Health)	
None of the ingredients is listed.	
· OSHA-Ca (Occupational Safety & Health Administration)	
None of the ingredients is listed.	
(Contd. on page 11)	

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Trade name: DSR-5 Silicone & Adhesive Remover	Page 11/11
· Canada	
· Canadian Domestic Substances List (DSL)	
All ingredients are listed.	
· Canadian Ingredient Disclosure list (limit 0.1%)	
None of the ingredients is listed.	
· Canadian Ingredient Disclosure list (limit 1%)	
None of the ingredients is listed.	
· 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.	
16 Other information	
This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.	
· Relevant phrases	
H226 Flammable liquid and vapour. H242 Heating may cause a fire.	
H304 May be fatal if swallowed and enters airways. H319 Causes serious eye irritation.	
R12 Extremely flammable. R36 Irritating to eyes.	
R65 Harmful: may cause lung damage if swallowed.	
· Abbreviations and acronyms:	
ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the	
International Carriage of Dangerous Goods by Road) IMDG: International Maritime Code for Dangerous Goods DOT: US Department of Transportation	
IATA: International Air Transport Association	
GHS: Globally Harmonized System of Classification and Labelling of Chemicals	
ACGIH: American Conference of Governmental Industrial Hygienists	
NFPA: National Fire Protection Association (USA)	
HMIS: Hazardous Materials Identification System (USA)	
WHMIS: Workplace Hazardous Materials Information System (Canada) LC50: Lethal concentration, 50 percent	
LD50: Lethal dose, 50 percent	