



**SAFETY DATA SHEET**

Date issued 2015/01/14

**2008 : MCV ANTI SILICONE SOLUTION DNM**

**SECTION 1. PRODUCT AND COMPANY IDENTIFICATION**

<b>Product Code</b>	2008	<b>Product Name</b>	MCV ANTI SILICONE SOLUTION DNM	
<b>Recommended use</b>	A paint or paint constituent product			
	<b>SOUTH AFRICA</b>	<b>AUSTRALIA</b>	<b>UNITED STATES OF AMERICA</b>	
	<b>Manufacturer</b>	<b>Supplier</b>	<b>Supplier</b>	
<b>Company Name</b>	Chemical Specialities (Pty) Ltd	ChemSpec Coatings (Pty) Ltd	ChemSpec USA, Inc.	
<b>Address</b>	2029 Old Mill Road Canelands Verulam 4340	Unit 4, 94 Delta Street Geebung QLD 4034	9287 Smucker Road Orrville, Ohio 44667	
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<b>Contact</b>	+27 82 778 0569	+61 41 0685 981	800-424-9300 (CHEMTREC)	
<b>Contact number</b>	Group Technical Manager techservice@chemspecpaint.com http://www.chemspecpaint.com/	techservice@chemspecpaint.com	techservice@chemspecpaint.com	

**SECTION 2. HAZARDS IDENTIFICATION**

**Overall Nature** HAZARDOUS MIXTURE, DANGEROUS GOODS

**Classification reference SANS10234 (1272/2008/EC) :**

**Classification of the substance or mixture**

- (H226) Flammable liquids, Hazard Category 3
- (H313) Acute toxicity (dermal), Hazard Category 5
- (H332) Acute toxicity (inhalation), Hazard Category 4
- (H315) Skin corrosion/irritation, Hazard Category 2
- (H336) Specific target organ toxicity ^ Single exposure, Hazard Category 3, Narcosis

**GHS label elements, including precautionary statements**

**Signal word** Warning

**Pictograms**



**Hazard and Precautionary Statements**

**Hazard Statements**

- Flammable liquid and vapour
- May be harmful in contact with skin
- Harmful if inhaled
- Causes skin irritation
- May cause drowsiness or dizziness

**Precautionary Statements**

**Prevention Statements**

- Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
- Keep container tightly closed.
- Ground/bond container and receiving equipment. – if the explosive is electrostatically sensitive.
- Use explosion-proof electrical/ventilating/lighting/.../ equipment.

Use only non-sparking tools.  
Take precautionary measures against static discharge.  
Avoid breathing dust/fume/gas/mist/vapours/spray.  
Wash ... thoroughly after handling.  
Use only outdoors or in a well-ventilated area.  
Wear protective gloves/protective clothing/eye protection/face protection.

#### Response Statements

IF ON SKIN: Wash with plenty of soap and water.  
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.  
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
Call a POISON CENTER or doctor/physician if you feel unwell.  
Specific treatment (see ... on this label). ... Reference to supplemental first aid instruction.  
If skin irritation occurs: Get medical advice/ attention.  
Take off contaminated clothing and wash before reuse.  
In case of fire: Use powder/... for extinction.

#### Storage Statements

Store in a well-ventilated place. Keep container tightly closed. – if product is volatile so as to generate hazardous atmosphere.  
Store in a well-ventilated place. Keep cool.  
Store locked up.

#### Disposal Statements

Dispose of contents/container in accordance with local/regional/ national/international regulations in accordance with local/regional/national/international regulation

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Product type :** Mixture      **Generic name :** PAINT or PAINT RELATED MATERIAL

**CAS No. :** Not applicable      **EU Index No :** Not applicable      **UN No :** 1263

#### HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS

Name	% m/m	EC Labels	CAS Number	EC Index
n-BUTYL ACETATE	30-60 %		123-86-4	607-025-00-1
XYLENE	30-60 %	Xn	1330-20-7	601-022-00-9

#### Classification reference SANS10234 (1272/2008/EC) :

EC Index	Classification   Hazard Code
607-025-00-1	Flam. Liq. 3;STOT SE 3   H226;H336
601-022-00-9	Flam. Liq. 3;Acute Tox. 4 ;Acute Tox. 4 ;Skin Irrit. 2   H226;H332;H312;H315

### SECTION 4. FIRST AID MEASURES

**Inhalation**      Move to fresh air. In case of discomfort seek medical attention.  
**Skin**      Drench with water. Remove contaminated clothing. Use a skin cleaner. In severe cases refer to Doctor.  
**Eyes**      ACT FAST! Rinse immediately with plenty of water. Refer immediately to Doctor.  
**Ingestion**      Wash mouth with plenty of water. Do NOT induce vomiting. Seek medical advice.

### SECTION 5. FIRE FIGHTING MEASURES

#### Suitable extinguishing media :

Foam. CO2. Dry powder. Fog to cool and control. Do NOT use water jets.

#### Specific hazards arising from the chemical :

Containers can burst in a fire. Can form explosive vapour/air mixture. Static discharge hazard!  
Flammable with toxic fumes.  
Cool containers in case of fire.

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

Suitable extinguishing media : Foam, dry agent  
Substance reacts violently/is explosive  
For fires use breathing apparatus. If no fire, breathing apparatus not essential  
Prevent, by any means available, spillage from entering drains or water courses

### SECTION 6. ACCIDENTAL RELEASE MEASURES

Contain & collect. Keep out of drains and sewers  
Wear protective equipment (see Section 8). Keep unprotected persons away.  
Do not allow product to reach sewage system or any water course.  
Remove ignition sources and provide sufficient ventilation

### SECTION 7. HANDLING AND STORAGE

#### Storage :

Store separately from : explosives, toxic gases, oxidising substances, organic peroxides, poisonous (toxic) substances, infectious substances (biohazards),  
No open flames. No smoking.  
Keep containers cool. Avoid free fall of liquid - use earthing.  
Subject to local bylaws

**Handling :**

Ensure good ventilation/exhaustion at the workplace  
 Do not spray on a naked flame or any incandescent material  
 Eating, drinking and smoking in work areas is prohibited  
 Wash hands after use  
 Remove contaminated clothing and protective equipment before entering eating areas

**Inhalation**

In case of insufficient ventilation, use suitable respiratory protection.

**Skin**

AVOID CONTACT. Use impervious gloves, apron and boots.

**Eyes**

Use goggles. Avoid direct contact.

**Ingestion**

Observe the rules of hygiene. Wash before eating, drinking or smoking.

**SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION****HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS**

Name	CAS Number	TWA OEL (mg/m3)	TWA OEL (ppm)	STOEL (mg/m3)	STOEL (ppm)	OEL Type	Vap.Press. (mmHg)
MCV ANTI SILICONE SOLUTION DNM	-	Not applicable					
Components :							
n-BUTYL ACETATE	123-86-4	710.	150.	950	200	RL	8.7
XYLENE	1330-20-7	435	100	650.	150.	RL+ S	6.7

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

OEL Type : Mixture

Maintain air concentrations below occupational exposure standards, using engineering controls as necessary  
 Appropriate hand protection and protective clothing must always be used  
 Keep away from foodstuffs, beverages and feed  
 Wash hands before breaks and at the end of work

**Paint Type**

Mixture of synthetic resins, pigments and solvents

**General PPE Requirements**

For Mixing, Brush Application, Roller Application, Pouring, etc.

**Personal protective equipment :**

**Skin PPE :** Overall and impervious gloves (eg nitrile rubber)

**Respiratory PPE :** Air purifying respirator (eg cartridge type)

**Eye PPE :** Faceshield or solvent resistant goggles

**HMIS Rating (USA)**

2 - 3 - 0 - I (Health-Flam-Reactivity-PPE)

**SAPMA Rating**

2-H-E PPE : Gloves, Respirator and Eye protection

**SPRAYBOOTH**

**Spraybooth Type** Spraybooth complying with National Standards

**Skin PPE** Nitrile Gloves

**Eyes PPE** Faceshield or solvent resistant goggles

**Respiratory Protection** Air supplied full facepiece or head covering respirator suitable for organic vapours/particulates

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

Property	Value
Appearance	Viscous liquid
Odour	Pungent
pH	not available
Boiling point	>35°C
Melting point	not available
Flash point	>23°C
Explosive prop	not available
Oxidizing prop	not available
Vapour pressure	not available
Density	not available
Water solubility	--
Fat solubility	--
Partition coefficient	not available
Viscosity	not available
Vapour density	not available
Evaporation rate	not available
Autoignition temperature	not available
L.E.L.	not available
U.E.L.	not available
% non volatile	not available

**SECTION 10. STABILITY AND REACTIVITY**

Stable under normal conditions

Could generate static - USE EARTHING

No reaction with fire-fighting water

Keep away from : explosives, toxic gases, oxidising substances, organic peroxides, poisonous (toxic) substances, infectious substances (biohazards),

**SECTION 11. TOXICOLOGICAL INFORMATION**

Name	CAS Number	LD50 Oral	LD50 Skin	LC50 Inhal(gas)	LC50 Inhal(mist)
-	-	mg/kg	mg/kg	ppmV	mg/ltr
MCV ANTI SILICONE SOLUTION DNM	Not applicable	>500			
Components :					
n-BUTYL ACETATE	123-86-4	14000 mg (Rat)	>5000 mg (Rabbit)		
XYLENE	1330-20-7	4300 mg (Rat)	5000 mg (Rabbit)		

**Inhalation**

**Skin**

**Eyes**

**Ingestion**

HARMFUL. Excessive exposure to this material must be avoided.  
Highly irritating. Risk of dermatitis. May be absorbed through intact skin.  
Highly Irritating and risk of irreversible damage.  
Harmful if swallowed. Can affect CNS. Systemic poison.

**SECTION 12. ECOLOGICAL INFORMATION**

May have short term environmental effects. Contain, monitor & remove

Aquatic toxicity : No further relevant information available

Persistence and degradability : No further relevant information available.

Bioaccumulative potential : No further relevant information available.

Mobility in soil : No further relevant information available.

Available ecological data of ingredients :

Name	CAS Number	Aquatic Toxicity
XYLENE	1330-20-7	LC50 (goldfish) = 13 mg/L; 24 hr LC50 (rainbow trout) = 13.5 mg/L; 96 h EC50 Daphnia magna 3.82 mg/L, 48 h

**SECTION 13. DISPOSAL INFORMATION**

Use reputable waste disposal contractors. Exercise caution in disposal of used containers.

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

**SECTION 14. TRANSPORT INFORMATION**

<b>UN Number</b>	1263		
<b>Shipping Name</b>	PAINT or PAINT RELATED MATERIAL		
<b>IMO Class</b>	3.3	<b>Packing Group</b>	III
<b>Action Code</b>	127		
<b>HazChem</b>	3[Y]		
<b>Kemler Code</b>	30		

**USA (DOT)** UN1263

**CANADA (TDG)** UN1263

**SECTION 15. REGULATORY INFORMATION**

**CANADIAN DSL INVENTORY** Components are listed on inventory list

**USA TSCA INVENTORY** Components are listed on inventory list

**Canada**

**WHMIS**

**B-2** : Flammable liquid with Flash Point lower than 37.8°C (100°F)

**D-2B** : Material causing other toxic effects

**SECTION 16. OTHER INFORMATION**

TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGES.  
IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.  
HMIS Rating (USA) : 2 - 3 - 0 - I (Health-Flam-Reactivity-PPE)

#### Hazard (H) phrases associated with components

H226 : Flammable liquid and vapour  
H312 : Harmful in contact with skin  
H315 : Causes skin irritation  
H332 : Harmful if inhaled  
H336 : May cause drowsiness or dizziness

#### Abbreviations

Code : Abbreviation : Meaning  
Xn : : harmful  
=====  
: : Associated pictogram code shown in brackets  
H226 : Flam. Liq. 3 : (GHS02) Flammable liquids, Hazard Category 3  
H312 : Acute Tox. 4 : (GHS07) Acute toxicity (dermal), Hazard Category 4  
H315 : Skin Corr/Irrit. 2 : (GHS07) Skin corrosion/irritation, Hazard Category 2  
H332 : Acute Tox. 4 : (GHS07) Acute toxicity (inhalation), Hazard Category 4  
H336 : STOT SE 3 : (GHS07) Specific target organ toxicity ^ Single exposure, Hazard Category 3, Narcosis  
=====  
: %m/m : Percent by mass  
: ACGIH : American Conference of Governmental Industrial Hygienist  
: ATE : Acute Toxicity Estimate  
: CAS : Chemical Abstracts Service  
: CHIP : Chemicals (Hazard Information and Packaging for supply)  
: CLP : Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures  
: CNS : Central Nervous System  
: DIN : Standard of the German Institute for Standardisation  
: DOT : Department of Transport  
: EC : European Community  
: EC50 : Effective Concentration (Median) for 50% of the response under test  
: ECB : European Chemicals Bureau  
: ECHA : European Chemicals Agency, Helsinki ([http://echa.europa.eu/home\\_en.asp](http://echa.europa.eu/home_en.asp))  
: EEC : European Economic Community  
: EINECS : European Inventory of Existing Chemical Substances  
: ELINCS : European List of Notified Chemical Substances  
: GHS : Globally Harmonized System of Classification and Labelling of Chemicals  
: HMIS : Hazardous Materials Information System (USA only)  
: IATA : International Air Transport Association  
: IMDG : International Maritime Dangerous Goods Code  
: IMO : International Maritime Organization  
: INS : Guidance on Identification and Naming of Substances under REACH, ECHA, 2007  
: ISO : International Standards Organisation  
: L.E.L. : Lower explosive limit  
: LD50/LC50 : Median (50%) lethal dose/concentration  
: mg/m3 : Milligrams per cubic meter  
: MSDS : Material safety data sheet  
: n.a. : Not available  
: NC : No Classification  
: No : Number  
: OEL : Occupational exposure limit  
: OEL-CL : Occupational exposure limit - control limit  
: OEL-RL : Occupational exposure limit - recommended limit  
: OHS Act : Occupational Health and Safety Act  
: P statement : Precautionary statement  
: PEL : Permissible Exposure Limit  
: PPE : Personal protective equipment  
: ppm : Parts per million  
: REACH : Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals  
: RTDG : Regulations on the Transport of Dangerous Goods. Generic term that covers all modal transport regulations (ADR, RID, ADN, IMDG and ITDG)  
: SABS : South African Bureau of Standards  
: SANS : South African National Standards  
: SAPMA : South African Paint Manufacturers Association  
: SARA 313 : Toxic Release Inventory Reporting SRA Section 3  
: SDS : Safety Data Sheet  
: STOEL : Short-term occupational exposure limit  
: STOT-RE : Specific Target Organ Toxicity - Repeated Exposure  
: STOT-SE : Specific Target Organ Toxicity - Single Exposure  
: TDG : Transport of Dangerous Goods  
: TSCA : Toxic Substance Control Act (USA only)  
: TWA : Time weighted average  
: U.E.L. : Upper explosive limit  
: UN : United Nations  
: WHMIS : Workplace Hazardous Materials Information Systems (Canada only)  
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: :

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This SDS conforms with General Administrative Regulations of 6 Sept.1996 (SANS11014:2010/ISO11014:2009)  
OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)  
SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)  
All information is given in good faith but without guarantee in respect of accuracy.  
No responsibility is accepted for errors or omissions or the consequences thereof.

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