



Safety Data Sheet

Revision Date 21-Apr-2017

Version 3

Supersedes Date: No information available

Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product Identifier

Product code 24030.G01 (USCDFP)

Product name DURAGLAS GAL

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

Recommended use Fillers and putty

1.3. Details of the supplier of the safety data sheet

See section 16 for more information

Valspar Corporation
Level 4, 2 Burbank Place
Baulkham Hills, New South Wales 2153

Valspar Corporation
2-14 Patiki Road, Avondale 1026
Auckland, New Zealand

For further information, please contact

E-mail address sdshelpdesk@valspareurope.com

1.4. Emergency telephone number

Australia 1-300-954-120
New Zealand +64-48319013

Poison control centre phone number

Australia 13 11 26
New Zealand 0800 764-766

1.5 Distributed by

Sydney Automotive Paints and Equipment Pty Ltd
Unit A3, 366 Edgar Street
Condell Park NSW 2200
Tel: (02) 9772 9000
reception@sape.com.au

Section 2: HAZARDS IDENTIFICATION

GHS - Classification

Skin Corrosion/Irritation	Category 2
Serious eye damage/eye irritation	Category 2
Reproductive Toxicity	Category 2
Specific target organ toxicity (repeated exposure)	Category 1
Flammable solids	Category 1

Label elements



Signal word

DANGER

Contains Styrene

HAZARD STATEMENTS

Flammable solids

CAUSES SKIN IRRITATION

Causes serious eye irritation

Suspected of damaging fertility or the unborn child

Causes damage to organs through prolonged or repeated exposure

PREVENTION

Obtain special instructions before use

Do not handle until all safety precautions have been read and understood

Wear protective gloves/protective clothing/eye protection/face protection

Wash face, hands and any exposed skin thoroughly after handling

Wear protective gloves

Wear eye/face protection

Do not breathe dust/fume/gas/mist/vapours/spray

Do not eat, drink or smoke when using this product

P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking

Ground/bond container and receiving equipment

Use explosion-proof electrical/ ventilating/ lighting/ equipment

RESPONSE

IF exposed or concerned: Get medical advice/attention

Eyes

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

If eye irritation persists: Get medical advice/attention

Skin

IF ON SKIN: Wash with plenty of soap and water

If skin irritation occurs: Get medical advice/attention

Take off contaminated clothing and wash it before reuse

INHALATION

IF INHALED: Call a POISON CENTER or doctor if you feel unwell

INGESTION

Do NOT induce vomiting

IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell

FIRE

In case of fire: Use CO₂, dry chemical, or foam for extinction

STORAGE

Store locked up

DISPOSAL

Dispose of contents/container to an approved waste disposal plant

OTHER HAZARDS

Not applicable

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS No	Weight-%
Styrene	100-42-5	10 - 25
N,N-Dimethylaniline	121-69-7	0.1 - 0.3

If this section is blank, there are no hazardous components per NOHSC guidelines.

Section 4: FIRST AID MEASURES**4.1. Description of first aid measures****General Advice**

IF exposed or concerned: Get medical advice/attention.

Eye Contact

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Skin contact

IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.

INHALATION

IF INHALED: Call a POISON CENTER or doctor if you feel unwell.

INGESTION

Do NOT induce vomiting. IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms None known.

4.3. Indication of any immediate medical attention and special treatment needed

Note to doctors Treat symptomatically.

Section 5: FIRE FIGHTING MEASURES**5.1. Extinguishing media**

Suitable Extinguishing Media Dry chemical, CO₂, water spray or alcohol-resistant foam.

Not to be used for safety reasons: Strong water jet

5.2. Special hazards arising from the substance or mixture

Burning produces heavy smoke. Fire may produce irritating and/or toxic gases. In the event of fire and/or explosion do not breathe fumes.

5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective suit. Cool containers with flooding quantities of water until well after fire is out. Do not allow run-off from fire-fighting to enter drains or water courses.

Section 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Personal Precautions

Avoid breathing vapours or mists. Use personal protective equipment as required. Avoid contact with skin, eyes or clothing. Keep people away from and upwind of spill/leak. Remove all sources of ignition.

For emergency responders

Use personal protection recommended in Section 8.

6.2. Environmental precautions

Do not allow into any sewer, on the ground or into any body of water. If the product contaminates lakes, rivers or sewage, inform appropriate authorities in accordance with local regulations.

6.3. Methods and material for containment and cleaning up

Methods for Containment

Prevent further leakage or spillage if safe to do so.

Methods for Cleaning Up

Dispose of waste product or used containers according to local regulations. Clean with detergents. Avoid solvent cleaners. Pick up and transfer to properly labelled containers. Contain and collect spillage with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations (see section 13).

6.4. Reference to other sections

See Section 8 for information on appropriate personal protective equipment. See Section 13 for additional waste treatment information.

Section 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Advice on safe handling

Use personal protection recommended in Section 8. Never use pressure to empty container. Comply with the health and safety at work laws. Prevent product from entering drains. Do not breathe dust/fume/gas/mist/vapours/spray. Use only in well-ventilated areas. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Use spark-proof tools and explosion-proof equipment. All equipment used when handling the product must be grounded.

General hygiene considerations

Avoid contact with skin, eyes or clothing. When using do not eat, drink or smoke. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Storage Conditions

Keep/store only in original container. Store in accordance with local regulations. Keep unauthorised personnel away. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Keep tightly closed in a dry and cool place.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Exposure Limits

If S* appears in the OEL table, it indicates this chemical contains a skin notation.

Chemical name	Australia	New Zealand	ACGIH TLV

Styrene 100-42-5	TWA: 50 ppm TWA: 213 mg/m ³ STEL: 100 ppm STEL: 426 mg/m ³	TWA: 50 ppm TWA: 213 mg/m ³ STEL: 100 ppm STEL: 426 mg/m ³ S*	STEL: 40 ppm TWA: 20 ppm
N,N-Dimethylaniline 121-69-7	TWA: 5 ppm TWA: 25 mg/m ³ STEL: 10 ppm STEL: 50 mg/m ³ S*	TWA: 5 ppm TWA: 25 mg/m ³ STEL: 10 ppm STEL: 50 mg/m ³ S*	STEL: 10 ppm TWA: 5 ppm S*

Biological Limit Values:

Chemical name	Australia	New Zealand
Styrene 100-42-5		1 g/L urine end of shift Mandelic acid

8.2. Exposure controls

Engineering controls

Ensure adequate ventilation, especially in confined areas. Provide local exhaust ventilation. In case of insufficient ventilation, wear suitable respiratory equipment.

Personal Protective Equipment

Eye/Face Protection

Wear safety glasses with side shields (or goggles).

Skin and Body Protection

Wear suitable protective clothing.

Hand protection

There is no one glove material or combination of materials that will give unlimited resistance to any individual or combination of chemicals. Ensure that the breakthrough time of the glove material is not exceeded. Refer to glove supplier for information on breakthrough time for specific gloves. The instructions and information provided by the glove manufacturer on use, storage, maintenance and replacement must be followed. Gloves should be replaced regularly and if there is any sign of damage to the glove material. Always ensure that gloves are free from defects and that they are stored and used correctly. The performance or effectiveness of the glove may be reduced by physical / chemical damage and poor maintenance. Wear protective gloves.

Respiratory Protection

When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

Thermal Protection

No information available

Environmental exposure controls

Do not allow into any sewer, on the ground or into any body of water

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical State	Solid
Appearance	No information available
Odour	Aromatic
Colour	Dark green
Odour threshold	No information available
PH	No information available
Melting point/freezing point	No information available
Boiling point / boiling range	No information available °C / °F
Flash Point	29 °C / 84 °F
Method	
Evaporation Rate	No information available
Flammability (solid, gas)	No information available
Flammability limit in air	
Upper flammability limit:	No information available

Lower flammability limit	No information available
Vapour pressure	No information available
Vapour Density	No information available
Specific gravity	1.7
Solubility(ies)	No information available
Partition coefficient	No information available
Autoignition Temperature	No information available
Decomposition temperature	No information available
Kinematic viscosity	52941 mm ² per second
Dynamic viscosity	No information available
Explosive Properties	No information available
Oxidising Properties	No information available

9.2. Other information

Molecular Weight No information available

Section 10: STABILITY AND REACTIVITY

10.1. Reactivity

No information available.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous polymerisation
None under normal processing.

Possibility of hazardous reactions
None under normal processing.

10.4. Conditions to avoid

Heat, flames and sparks.

10.5. Incompatible materials

Bases. Strong oxidising agents. Acids. Alkali. Aluminium. Copper. Halogens.

10.6. Hazardous decomposition products

Carbon monoxide. Carbon dioxide (CO₂). Nitrogen oxides (NO_x). Hydrocarbons.

Section 11: TOXICOLOGICAL INFORMATION

Information on Toxicological Effects

Information on Likely Routes of Exposure

Eye Contact	Causes serious eye irritation.
Skin contact	CAUSES SKIN IRRITATION.
INGESTION	Not applicable.
INHALATION	Not applicable.

Numerical Measures of Toxicity - Product Information

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral)	19,456.00 Mg/kg
ATEmix (dermal)	58,367.00 Mg/kg
ATEmix (inhalation-dust/mist)	10.20 Mg/l
ATEmix (inhalation-vapour)	73.00 Mg/l

UNKNOWN ACUTE TOXICITY .0001% of the mixture consists of ingredient(s) of unknown toxicity.

Numerical Measures of Toxicity - Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Styrene 100-42-5	= 1000 mg/kg (Rat)	-	= 11.7 mg/L (Rat) 4 h
N,N-Dimethylaniline 121-69-7	= 951 mg/kg (Rat)	= 1770 µL/kg (Rabbit)	> 0.5 - 5.0 mg/L (Rat) 4 h

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin Corrosion/Irritation	CAUSES SKIN IRRITATION
Serious eye damage/eye irritation	Causes serious eye irritation
Skin Sensitisation	Not applicable
Respiratory Sensitisation	Not applicable
Germ Cell Mutagenicity	Not applicable
Carcinogenicity	Not applicable
Reproductive toxicity	Suspected of damaging fertility or the unborn child
Specific target organ toxicity (single exposure)	Not applicable
Specific target organ toxicity (repeated exposure)	Causes damage to organs through prolonged or repeated exposure
Styrene	
<i>Ears</i>	

Aspiration Hazard Not applicable

Section 12: ECOLOGICAL INFORMATION

Ecotoxicity

Environmental Precautions Prevent product from entering drains.

Chemical name	Algae/aquatic plants	Fish	Crustacea
Styrene 100-42-5	0.15 - 3.2 mg/L <i>Pseudokirchneriella subcapitata</i> 96 h EC50 0.46 - 4.3 mg/L <i>Pseudokirchneriella subcapitata</i> 72 h EC50 = 0.72 mg/L <i>Pseudokirchneriella subcapitata</i> 96 h EC50 = 1.4 mg/L <i>Pseudokirchneriella subcapitata</i> 72 h EC50	6.75 - 14.5 mg/L <i>Pimephales promelas</i> 96h LC50 19.03 - 33.53 mg/L <i>Lepomis macrochirus</i> 96h LC50 3.24 - 4.99 mg/L <i>Pimephales promelas</i> 96h LC50 58.75 - 95.32 mg/L <i>Poecilia reticulata</i> 96h LC50	3.3 - 7.4 mg/L <i>Daphnia magna</i> 48h EC50
N,N-Dimethylaniline 121-69-7	= 340 mg/L <i>Desmodesmus subspicatus</i> 96 h EC50	0.183 - 0.186 mg/L <i>Brachydanio rerio</i> 96h LC50 = 51.1 mg/L <i>Brachydanio rerio</i> 96h LC50 = 53.7 mg/L <i>Poecilia reticulata</i> 96h LC50 = 65.6 mg/L <i>Pimephales promelas</i> 96h LC50 = 52.6 mg/L <i>Pimephales promelas</i> 96h LC50	= 5 mg/L <i>Daphnia magna</i> 48h EC50

Persistence and Degradability No information available.

Bioaccumulation No information available.

Mobility No information available.

Chemical name	Partition Coefficient (n-octanol/water)
Styrene 100-42-5	2.95
N,N-Dimethylaniline 121-69-7	2.278

Section 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Waste from Residues/Unused Products	Disposal should be in accordance with applicable regional, national and local laws and regulations.
Contaminated Packaging	Improper disposal or reuse of this container may be dangerous and illegal. Empty containers must be scrapped or reconditioned.

Section 14: TRANSPORT INFORMATION

	<u>IMDG</u>	<u>ADG</u>	<u>IATA</u>
14.1 UN/ID no	UN3175	UN3175	UN3175
14.2 Proper Shipping Name	Solids containing flammable liquid, n.o.s Styrene	Solids containing flammable liquid, n.o.s Styrene	Solids containing flammable liquid, n.o.s Styrene
14.3 Hazard class	4.1	4.1	4.1
14.4 Packing group	II	II	II
14.5 Environmental hazard	Not applicable		
14.6 Special Provisions	216, 274 EmS-No F-A, S-I	216, 274	A46
14.7 Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC CODE			No information available
HAZCHEM Code:	3YE		

The supplier may apply one of the following exceptions: Combustible Liquid (49 CFR 173.150(f)); Consumer Commodity (49 CFR 173.150(c), ICAO/IATA SP A112); Limited Quantity (49 CFR 173.150(b), ICAO Part 3 Chapter 4, IATA 2.7, IMDG Chapter 3.4); Viscous Liquid (49 CFR 173.121(b), IMDG 2.3.2.2, IATA 3.3.3.1.1, ICAO 3.2.2, ADR 2.2.3.1.5); Does Not Sustain Combustion (49 CFR 173.120(a), IATA 3.3.1.3, ICAO 3.1.3, IMDG 2.3.1.3, ADR 2.2.3.1.1 Note 1); or others as allowed under hazardous materials/dangerous goods regulations.

Section 15: REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

National Regulations

Australia

See section 8 for national exposure control parameters

New Zealand

See section 8 for national exposure control parameters

International Inventories

AICS - Australian Inventory of Chemical Substances

NZIoC - New Zealand Inventory of Chemicals

All components are listed or exempt from listing

Not all components are listed or exempt from listing

15.2. Chemical safety assessment

No information available

Section 16: OTHER INFORMATION

Prepared by Product Stewardship

Revision Date 21-Apr-2017

Revision note Not applicable.

Disclaimer

The information on this Safety Data Sheet (SDS) is based on the present state of our knowledge, current national legislation and guidelines. As the specific conditions of use of the product are outside the supplier's knowledge and control the user is responsible for ensuring that the requirements of relevant legislation are complied with. This SDS should not be construed as any guarantee of the technical performance or suitability for particular applications. **UNLESS SUPPLIER AGREES OTHERWISE IN WRITING, SUPPLIER MAKES NO WARRANTIES, EXPRESS OR IMPLIED, AND DISCLAIMS ALL IMPLIED WARRANTIES INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR FREEDOM FROM PATENT INFRINGEMENT. SUPPLIER WILL NOT BE LIABLE FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES.**

End of Safety Data Sheet