Safety Data Sheet
according to WHS Regulations

Printing date 08.12.2020 Revision: 08.12.2020

1 Identification

Product Name: DYNAGRIP BLUE RTV SILICONE GASKET MAKER 85gm - P/N 47203

Recommended Use of the Chemical and Restriction on Use: Compound used to make gaskets.

Details of Manufacturer or Importer:
AFC Intrnaltional PTY LTD
21-23 Hobart St,
Riverstone NSW, 2765

Phone Number: 02 9627 7125

Emergency telephone number: 13 11 26 (Poisons Information Centre)

2 Hazard(s) Identification

Hazardous Nature:
Classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and Safe Work Australia criteria.
Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

Skin Corrosion/Irritation 2	H315	Causes skin irritation.
Serious Eye Damage/Irritation 2	H319	Causes serious eye irritation.
Skin Sensitisation 1	H317	May cause an allergic skin reaction.
Flammable Liquids 4	H227	Combustible liquid.

Signal Word Warning

Hazard Statements
H227 Combustible liquid.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H317 May cause an allergic skin reaction.

Precautionary Statements

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P264	Wash thoroughly after handling.
P272	Contaminated work clothing should not be allowed out of the workplace.
P280	Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
P302+P352	IF ON SKIN: Wash with plenty of water.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P362+P364	Take off contaminated clothing and wash it before reuse.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P321	Specific treatment (see on this label).
P337+P313	If eye irritation persists: Get medical advice/attention.
P370+P378	In case of fire: Use to extinguish: CO2, powder or water spray.
P403	Store in a well-ventilated place.
P501	Dispose of contents/container in accordance with local/regional/national regulations.

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3 Composition and Information on Ingredients

Chemical Characterization: Mixtures
Description: Mixture of substances listed below with nonhazardous additions.

Hazardous Components:		
CAS: 70131-67-8	Siloxanes and Silicones, di-Me, hydroxy-terminated	25-50%
CAS: 22984-54-9	2-Butanone, O,O',O''-(methylsilylidyne)trioxime Skin Corrosion/Irritation 2, H315; Serious Eye Damage/Irritation 2, H319; Skin Sensitisation 1, H317	2-5%
CAS: 919-30-2	3-Aminopropyltriethoxysilane Skin Corrosion/Irritation 1B, H314; Acute Toxicity (Oral) 4, H302	0-1%
CAS: 2224-33-1	2-Butanone, O,O',O''-(vinylsilyldiyne)trioxime Serious Eye Damage/Irritation 1, H318; Skin Corrosion/Irritation 2, H315; Skin Sensitisation 1, H317	0-1%
CAS: 1333-86-4	Carbon black STOT RE 2, H373	<1%

4 First Aid Measures

Inhalation: If inhaled, remove to fresh air. Seek medical attention if breathing problems develop.

Skin Contact:
In case of skin contact, immediately remove contaminated clothing and wash affected areas with water and soap for at least 15 minutes. Seek immediate medical attention.

Eye Contact:
In case of eye contact, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical attention if symptoms persist.

Ingestion:
If swallowed, do not induce vomiting. Immediately rinse mouth with water. Give two glasses of water. Never give anything by mouth to an unconscious person. Seek medical attention if symptoms occur.

Symptoms Caused by Exposure:
Inhalation: May cause respiratory irritation.
Skin Contact: Causes skin irritation. May cause an allergic skin reaction.
Eye Contact: Causes serious eye irritation. May cause redness and lachrymation.
Ingestion: May cause gastrointestinal irritation, nausea and diarrhoea.

5 Fire Fighting Measures

Suitable Extinguishing Media:
Carbon dioxide. Water may be unsuitable as an extinguishing medium, but is helpful in keeping adjacent containers cool.

Specific Hazards Arising from the Chemical:
Hazardous combustion products include oxides of carbon and traces of incompletely burned carbon compounds, silicon dioxide and formaldehyde.
Product is combustible.
Containers close to fire should be removed if safe to do so. Use water spray to cool fire exposed containers.
Minimise firefighting run off from entering drains or water courses.

Special Protective Equipment and Precautions for Fire Fighters:
When fighting a major fire wear self-contained breathing apparatus and protective equipment.

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6 Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures:
Wear approved respiratory protection, chemical resistant gloves, protective clothing and safety boots. Evacuate all non-essential personnel from affected area. Do not breathe vapours. Ensure adequate ventilation. Extinguish all sources of ignition.

Environmental Precautions:
In the event of a major spill, prevent spillage from entering drains, water courses, and soil. Inform the respective local authorities in the event of environmental contamination.

Methods and Materials for Containment and Cleaning Up:
Stop leak if safe to do so, scrape up and place into suitable closed containers for disposal. Spilled material may present a slip hazard. Final cleaning may require steam, solvents, or detergents. Absorb residual cleaning solution with sand, earth, vermiculite or some other inert absorbent material and dispose of accordingly.

7 Handling and Storage

Precautions for Safe Handling:
Use of safe work practices are recommended to avoid eye or skin contact and inhalation of mist/vapours. Use only in a well-ventilated area. Food, beverages and tobacco products should not be stored or consumed where this material is in use. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use. Provide eyewash fountains and safety showers in close proximity to points of potential exposure.

Conditions for Safe Storage:
Store in a cool, dry and well ventilated area at 21°C. Keep in original container. Store in accordance with local regulations.

8 Exposure Controls and Personal Protection

Exposure Standards:	
CAS: 1333-86-4 Carbon black	
WES	TWA: 3 mg/m³

Engineering Controls:
Provide local exhaust ventilation or other engineering controls to keep the airborne concentrations of mist/ vapour below occupational exposure standards.

Respiratory Protection:
Use an approved vapour respirator under conditions where exposure to the substance is apparent (e.g. generation of high concentrations of mist or vapour, inadequate ventilation, development of respiratory tract irritation) and engineering controls are not feasible. See Australian Standards AS/NZS 1715 and 1716 for more information.

Skin Protection:
Impervious gloves. See Australian/New Zealand Standard AS/NZS 2161 for more information.
When selecting gloves for use against certain chemicals, the degradation resistance, permeation rate and permeation breakthrough time should be considered.
Occupational protective clothing (depending on conditions in which it has to be used, in particular as regards the period for which it is worn, which shall be determined on the basis of the seriousness of the risk, the frequency of exposure to the risk, the characteristics of the workstation of each worker and the performance of the protective clothing). See Australian/New Zealand Standard AS/NZS 4501 for more information.

Eye and Face Protection:
Safety glasses should be used under normal conditions, where the is a low probability of liquid contact. Splash-proof goggles should be used for protection against splashing materials or liquids. See Australian/New Zealand Standard AS/NZS 1337 for more information.

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9 Physical and Chemical Properties

Appearance:	
Form:	Paste
Colour:	Blue
Odour:	Mild musty
Odour Threshold:	No information available
pH-Value:	No information available
Melting point/freezing point:	No information available
Initial Boiling Point/Boiling Range:	No information available
Flash Point:	≥90 °C (Closed Cup)
Flammability:	Combustible
Ignition Temperature	No information available
Auto-ignition Temperature:	No information available
Decomposition Temperature:	No information available
Explosion Limits:	
Lower:	No information available
Upper:	No information available
Vapour Pressure:	No information available
Density at 23 °C:	≥ca. 1.39 g/cm³
Relative Density:	No information available
Vapour Density:	No information available
Evaporation Rate:	No information available
Solubility in Water:	Insoluble
Partition Coefficient (n-octanol/water):	No information available
Viscosity:	Kinematic Viscosity: >20.5 mm2/s at 40 °C
Solvent separation test:	No information available
VOC:	37 g/L

10 Stability and Reactivity

Possibility of Hazardous Reactions: Hazardous polymerisation will not occur.

Chemical Stability: Stable at ambient temperature and under normal conditions of storage and use.

Conditions to Avoid: Extreme temperatures and direct sunlight.

Incompatible Materials: No information available.

Hazardous Decomposition Products:
Hazardous combustion products include oxides of carbon and traces of incompletely burned carbon compounds, silicon dioxide and formaldehyde.

11 Toxicological Information

Toxicity:

LD50/LC50 Values Relevant for Classification:		
CAS: 70131-67-8 Siloxanes and Silicones, di-Me, hydroxy-terminated		
Oral	LD50	>15,400 mg/kg (rat)
Dermal	LD50	>2,000 mg/kg (rabbit)
Inhalation	L50/4 h	>8,750 mg/m³ (rat)
CAS: 919-30-2 3-Aminopropyltriethoxysilane		
Oral	LD50	1,780 mg/kg (rat)

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Dermal	LD50	4,000 mg/kg (rabbit)

Acute Health Effects
Inhalation: May cause respiratory irritation.
Skin: Causes skin irritation. May cause an allergic skin reaction.
Eye: Causes serious eye irritation. May cause redness and lachrymation.
Ingestion: May cause gastrointestinal irritation, nausea and vomiting.

Skin Corrosion / Irritation: Causes skin irritation.

Serious Eye Damage / Irritation: Causes serious eye irritation.

Respiratory or Skin Sensitisation: May cause an allergic skin reaction.

Germ Cell Mutagenicity: Based on classification principles, the classification criteria are not met.

Carcinogenicity: Carbon black is classified by IARC as Group 2B - Possibly carcinogenic to humans.

Reproductive Toxicity: Based on classification principles, the classification criteria are not met.

Specific Target Organ Toxicity (STOT) - Single Exposure:
Based on classification principles, the classification criteria are not met.

Specific Target Organ Toxicity (STOT) - Repeated Exposure:
Based on classification principles, the classification criteria are not met.

Aspiration Hazard: Based on classification principles, the classification criteria are not met.

Chronic Health Effects: No data associated with long term health effects.

Existing Conditions Aggravated by Exposure: No data available.

12 Ecological Information

Ecotoxicity:

Aquatic toxicity:	
CAS: 919-30-2 3-Aminopropyltriethoxysilane	
EC50/48 h	331 mg/l (daphnia)
LC50/96 h	934 mg/l (brachydanio rerio)

Persistence and Degradability: No data available on finished product.

Bioaccumulative Potential: No data available on finished product.

Mobility in Soil: No data available on finished product.
Other adverse effects: No further relevant information available.

13 Disposal Considerations

Disposal Methods and Containers:
Dispose according to applicable local and state government regulations.
Must not be disposed together with household garbage. Do not allow product to reach sewage system, soil, or watercourses.

Special Precautions for Landfill or Incineration:
Please consult your state Land Waste Management Authority for more information.

14 Transport Information

UN Number Not regulated.

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Proper Shipping Name Not regulated.

Dangerous Goods Class Not regulated.

Packing Group: Not regulated.

15 Regulatory Information

Australian Inventory of Industrial Chemicals:

All ingredients are listed.

Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) - Poison Schedule:
Not a scheduled poison.

Australia: Priority Existing Chemicals

None of the ingredients is listed.

16 Other Information

Date of Preparation or Last Revision: 08.12.2020

Prepared by: MSDS.COM.AU Pty Ltd www.msds.com.au

Abbreviations and acronyms:
GHS: Globally Harmonised System of Classification and Labelling of Chemicals
CAS: Chemical Abstracts Service (division of the American Chemical Society)
VOC: Volatile Organic Compounds
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
IARC: International Agency for Research on Cancer
STEL: Short Term Exposure Limit
TWA: Time Weighted Average
NES: National Exposure Standard (Safe Work Australia - Workplace Exposure Standards For Airborne Contaminants)
Flammable Liquids 4: Flammable liquids – Category 4
Acute Toxicity (Oral) 4: Acute toxicity - oral – Category 4
Skin Corrosion/Irritation 1B: Skin corrosion/irritation – Category 1B
Skin Corrosion/Irritation 2: Skin corrosion/irritation – Category 2
Serious Eye Damage/Irritation 1: Serious eye damage/eye irritation – Category 1
Serious Eye Damage/Irritation 2: Serious eye damage/eye irritation – Category 2
Skin Sensitisation 1: Skin sensitisation, Hazard Category 1
STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2

Disclaimer
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