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Material Safety Data Sheet

1. PRODUCT IDENTIFICATION

Product Name:

1-MINUTE GASKET 85 GR

Item No:

25229

Product Type:

Elastomeric rubber (pressurized)

2. CON	POSITION/INFC	RMATION ON INGREDIE	NIS
Component	Weight%	ACGIH TLV: TWA	OSHA PEL:
CALCIUM CARBONATE 471-34-1	25-50	10 mg/m³ particulate TWA	Not Listed
POLY (DIMETHYLSILOXANE), HYDROXY TERMINATED 70131-67-8	20-40	Not Listed	Not Listed
POLYDIMETHYLSILOXANE 63148-62-9	5-20	Not Listed	Not Listed
VINYL OXIMINOSILANE 2224-33-1	1-10	Not Listed	Not Listed
STEARIC ACID 57-11-4	1-10	Not Listed	Not Listed
CARBON BLACK 1333-86-4	0.5-5.0	3.5 mg/m³ TWA	3.5 mg/m³ TWA
MODIFIED SILICON DIOXIDE 68611-44-9	0.5-5.0	Not Listed	Not Listed
NITROGEN 7727-37-9	0.5-2.0	Asphyxiant	Not Listed
2-BUTANONE OXIME 96-29-7	***	Not Listed	Not Listed

3. HAZARDS IDENTIFICATION

Toxicity:

May cause eye and skin irritation. May irritate lips, gums, tongue, mouth, nose and throat. May be harmful if swallowed. ****When this product is exposed to moisture, up to 10% methyl ethyl ketoxime may be

formed. Note: This product does not contain microcyrstalline silica.

Primary Routes of Entry:

Eye and skin contact, ingestion, inhalation

Signs and Symptoms of Exposure:

Methyl ethyl ketoxime produced during cure is toxic and irritates eyes, nose and throat. Overexposure may cause eye and skin redness. Overexposure to nitrogen propellant (only released if can is punctured) may cause headache, drowsiness, dizziness, excitation, excess salivation, vomiting, unconsciousness.

Component	Weight%	NTP	ACGIH Carcinogens	IARC
CARBON BLACK	0.5-5.0		Group A4 - Not	Group 2B; Monograph 65,
1333-86-4			classifiable as a	1996
			human carcinogen	·

Medical Conditions Recognized as Being Aggravated by Exposure:

None known.

4. FIRST AID MEASURES

Ingestion:

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Rinse mouth. If swallowed, DO NOT induce vomiting. Keep individual calm. Obtain medical attention.

Inhalation:

Move to fresh air in case of accidental inhalation of vapours. Obtain medical attention.

Skin Contact:

Wipe off paste with paper towel or cloth. If skin irritation persists, call a physician.

Eye Contact:

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical

attention if irritation persists.

5. FIRE FIGHTING MEASURES

Flash Point (°F/C):

Recommended Extinguishing Media:

>200°F (base material) TCC Carbon Dioxide, Dry Chemicals, Foam.

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5. FIRE FIGHTING MEASURES

Special Fire-Fighting Procedures:

Hazardous Products of Combustion: Unusual Fire/Explosion Hazards:

***Warning: This container is pressurized with nitrogen. Do not remove rubber plug. Water spray may be ineffective on flames but should be used to keep fire-exposed containers cool. Keep containers cool. Use equipment or shielding required to protect against bursting or venting of containers.

Formaldehyde, Silica fume, Oxides of carbon

Contents under pressure. Heated cans may burst. Use equipment or shielding to protect personnel from bursting containers.

Lower Explosive Limit: **Upper Explosive Limit:**

Not determined Not determined

ACCIDENTAL RELEASE MEASURES

Spill Procedures:

Wipe or scrape up spill material. Maintain good ventilation for large spills. Place scrap material in a wellventilated area and allow to cure to rubber. Clean up spills thoroughly as residue is slippery.

HANDLING AND STORAGE

Storage:

Store in a dry area below 90 degrees F. Keep container closed when not in use. Exposure to high

temperatures may cause container to burst.

Handling:

Avoid contact with skin and eyes. Do not inhale vapors.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eyes:

Safety glasses

Skin:

Rubber or plastic gloves.

Ventilation:

General; local exhaust ventilation as necessary to control any air contaminants to within their exposure

limits (or to the lowest feasible levels when limits have not been established) during the use of this

product.

Respiratory Protection:

. Not required under normal use. In case of insufficient ventilation, wear suitable respiratory equipment.

Comments:

When heated to temperatures above 300 degrees F. in the presence of air, this product can form formaldehyde vapors. Formaldehyde is a potential cancer hazard and a known skin and respiratory sensitizer. Safe handling conditions may be maintained by keeping vapor concentrations below the OSHA permissible limit for formaldehyde

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:

Black paste

Odor:

Boiling Point:

Not applicable, polymeric material

pH: Solubility in Water:

7-8

Specific Gravity:

Polymerized 1.34

VOC Content(Wt.%):

5.3% by weight

Vapor Pressure:

<5 mm Hg

Vapor Density (Air=1):

3.0

Evaporation Rate:

Slower than butyl acetate

10. STABILITY AND REACTIVITY

Chemical Stability:

Hazardous Polymerization:

Incompatabilities:

Stable at normal conditions WILL NOT OCCUR.

Conditions to Avoid:

Strong oxidizers, Polymerized by contact with moisture Exposure to moisture, Heat

Hazardous Products of Combustion:

Formaldehyde, Silica fume, Oxides of carbon

TOXICOLOGICAL INFORMATION

See Section 3

12. ECOLOGICAL INFORMATION

No data available

13. DISPOSAL CONSIDERATIONS

Recommended Method of Disposal: Disposal should be made in accordance with federal, state and local regulations.

US EPA Waste Number:

D003 - (Can under pressure) Hazardous waste per 40CFR 261.23(6)

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14. TRANSPORTATION INFORMATION

DOT (49CFR 172)

Domestic Ground Transport

DOT Shipping Name:

CONSUMER COMMODITY

Hazard Class: **UN/ID Number:** ORM-D None

Marine Pollutant:

None

<u>IATA</u>

Proper Shipping Name:

Consumer Commodity (Not more than 1 liter)

Class or Division: **UN/NA Number:**

Class 9 ID 8000

IMDG

Proper Shipping:

Aerosols, Limited Quantity

Hazard Class:

Class 2.2

UN Number:

UN 1950

15. REGULATORY INFORMATION

SARA 313 Chemicals: The following component(s) is listed as a SARA Section 313 Toxic Chemical.

NONE

CALIFORNIA PROP 65:

No California Prop 65 chemicals are known to be present.

TSCA Inventory Status:

Listed on Inventory: YES All components of this product are listed (or exempt) on the EPA TSCA inventory.

16. OTHER INFORMATION

Estimated NFPA Rating:

HEALTH 1, FLAMMABILITY 1, REACTIVITY 0

Estimated HMIS Classification:

HEALTH 1, FLAMMABILITY 1, PHYSICAL HAZARD 0

NFPA is a registered trademark of the National Fire Protection Assn. HMIS is a registered trademark of the National Paint and Coatings Assn.

Prepared By: Company:

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Revision

Number: