

REC'D AUG 04 1998

MATERIAL SAFETY DATA SHEET

5957
 SLT00009

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: The Right Stuff(TM) Gasket Maker
 Item No.: 25224
 Product Type: Elastomeric Rubber

2. COMPOSITION, INFORMATION ON INGREDIENTS

Ingredients	CAS No.	%
Calcium carbonate	471-34-1	25-50
Poly(dimethylsiloxane), hydroxy terminated	70131-67-8	20-40
Poly(dimethylsiloxane), dimethyl	63148-62-9	5-20
Oximosilane	Proprietary	1-10
Silica, amorphous, treated	71889-01-5	1-5
CARBON BLACK	1333-86-4	1-3
Stearic acid	57-11-4	0.5-2
Methyl ethyl ketoxime	Proprietary	***
PROPELLANT		
NITROGEN	7727-37-9	0.5-2

***When this product is exposed to moisture, up to 10% methyl ethyl ketoxime may be formed.

Ingredients which have exposure limits

Exposure Limits (TWA) Ingredients	ACGIH (TLV)	OSHA (PEL)	OTHER
Calcium carbonate	10 mg/m3 dust	15 mg/m3 dust 5 mg/m3 respir.	None
Silica, amorphous, treated	10 mg/m3	15 mg/m3 dust 5 mg/m3 respir.	None
CARBON BLACK	3.5 mg/m3 TWA	3.5 mg/m3 TWA	5ppm
Methyl ethyl ketoxime	None	None	3 ppm TWA 10 ppm STEL

PROPELLANT

NITROGEN Asphyxiant None None

Exposure Limits (STEL) Ingredients	ACGIH (TLV)	OSHA (PEL)
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PROPELLANT

3. HAZARDS IDENTIFICATION

Toxicity: Skin and eye irritant. Moderately toxic ingestion. When heated to temperatures above 300 F (150 C) in the presence of air, this product can form formaldehyde vapors. Formaldehyde is a potential cancer hazard and a known skin and respiratory sensitizer. Vapors irritate eyes, nose and throat. Safe handling conditions may be maintained by keeping vapor concentrations below the OSHA permissible limit for formaldehyde.
 Primary Routes of Entry: Skin, ingestion, inhalation.
 Signs and Symptoms of Exposure:

Base:
 Methyl ethyl ketoxime produced during cure is toxic and irritates eyes, nose and throat.

Propellant:
 Headache, drowsiness, dizziness, excitation, excess salivation, vomiting, unconsciousness.

Existing Conditions Aggravated by Exposure: None known

Ingredients	Literature Referenced Target Organ and Other Health Effects	Carcinogen NTP IARC OSHA
Calcium carbonate	NUI	NO NO NO
Poly(dimethylsiloxane), hydroxy terminated	No Data	NO NO NO
Poly(dimethylsiloxane),		

MATERIAL SAFETY DATA SHEET

5957
 (continued)

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 Item No.: 25224

3. HAZARDS IDENTIFICATION

dimethyl Oximinosilane	IRR	NO	NO	NO
Silica, amorphous, treated	No Data	NO	NO	NO
CARBON BLACK	AC4 RES	NO	2B	NO
Stearic acid	IRR	NO	NO	NO
Methyl ethyl ketoxime	ALG BLO CNS IRR	NO	NO	NO

PROPELLANT

NITROGEN	No Data	NO	NO	NO
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Abbreviations

2B Possibly carcinogenic to humans	AC4 ACGIH-Unclassifiable as human carc.
ALG Allergen	BLO Blood
CNS Central nervous system	IRR Irritant
NUI Nuisance dust	RES Respiratory

4. FIRST AID MEASURES

Ingestion: Do not induce vomiting. Keep individual calm. Obtain medical attention
 Inhalation: Remove to fresh air. If symptoms persist, obtain medical attention.
 Skin Contact: Wipe off paste with paper towel or cloth. Wash thoroughly with soap and water
 Eye Contact: Flush at least 15 minutes with water. Obtain medical attention.

5. FIRE FIGHTING MEASURES

Flash Point: More than 200°F Method: Tag Closed Cup
 Recommended Extinguishing Agents: Carbon dioxide, foam, dry chemical
 Special Firefighting Procedures: Not available
 Hazardous Products formed by Fire or Thermal Decomp: Formaldehyde, silica fume, oxides of carbon.
 Unusual Fire or Explosion Hazards: Cans are under pressure and may burst in a fire.
 Explosive Limits: (% by volume in air) Lower Not available
 (% by volume in air) Upper Not available

6. ACCIDENTAL RELEASE MEASURES

Steps to be taken in case of spill or leak: Wipe or scrape up spilled material. Maintain good ventilation for large spills. Place scrap material in a well ventilated area and allow to cure to rubber.

7. HANDLING AND STORAGE

Safe Storage: Store in a dry area below 90°F. Keep away from sources of heat or flames.
 (Contact Loctite Customer Service 1-800-243-4874 for shelf life information)
 Handling: Avoid skin and eye contact. Avoid breathing vapor.

8. EXPOSURE CONTROLS, PERSONAL PROTECTION

Eyes: Safety glasses or goggles. Avoid contact lenses.
 Skin: Rubber or plastic gloves.
 Ventilation: Provide local ventilation for prolonged use in a confined area.
 Respiratory: Not available
 See Section 2 for Exposure Limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Black paste (BASE)
 Odor: Base: Mild. Propellant: Odorless
 Boiling Point: Not Applicable, Polymeric
 pH: Base: 7-8. Propellant: Does not apply
 Solubility in Water: Polymerized
 Specific Gravity: Base: 1.31

MATERIAL SAFETY DATA SHEET

Page 3 of 4

5957
(continued)Product Name: The Right Stuff(TM) Gasket Maker
Item No.: 252249. PHYSICAL AND CHEMICAL PROPERTIES

Volatile Organic Compound (EPA Method 24) Base: 4.01%; 52.5 grams per liter
 Vapor Pressure: Base: Less than 5mm at 70 F. Propellant: 105 psig
 Vapor Density: Base: 3.0. :Propellant: 0.967.
 Evaporation Rate (Ether = 1) Not available

10. STABILITY AND REACTIVITY

Stability: Stable
 Hazardous Polymerization: Will not occur
 Incompatibility: Base:
 Strong oxidizers. Polymerized by contact with moisture.
 Propellant:
 Lithium, neodymium, titanium, ozone
 Conditions to Avoid: Not available
 Hazardous Decomposition Products (non-thermal): Methyl ethyl ketoxime

11. TOXICOLOGICAL INFORMATION

See Section 3.

12. ECOLOGICAL INFORMATION

No data available

13. DISPOSAL CONSIDERATIONS

Recommended methods of disposal: Inert nitrogen propellant pressure should first be released. Cured BASE rubber can be incinerated or landfilled following EPA and local regulations.
 EPA Hazardous Waste Number: D003 - (Can Under Pressure) Hazardous waste per 40 CFR 261.23(6)

14. TRANSPORTATION INFORMATION

DOT (49 CFR 172)
 Domestic Ground Transport
 Proper Shipping Name: Consumer commodity
 Hazard Class or Division: ORM-D
 Identification Number: None
 Marine Pollutant: None
 IATA
 Proper Shipping Name: Aerosols, non-flammable, n.o.s.
 Class or Division: Division 2.2
 UN or ID Number: UN 1950

15. REGULATORY INFORMATION

CA Proposition 65: WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.
 Traces of ethylene oxide, propylene oxide and dioxane.

16. OTHER INFORMATION

Estimated NFPA(R) Code:
 Health Hazard: 1
 Fire Hazard: 1
 Reactivity Hazard: 0
 Specific Hazard: No water
 Estimated HMIS(R) Code:
 Health Hazard: 1
 Flammability Hazard: 1
 Reactivity Hazards: 0
 Personal Protection: See Section 8.

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: Bruce Martin
 Title: Mgr. Env. Health & Safety
 Company: Loctite Corp., 1001 Tr Br Cr, Rocky Hill CT 06067

LOCTITE CORPORATION

1001 TROUT BROOK CROSSING
ROCKY HILL, CT 06067-3910
EMERGENCY PHONE: (860) 571-5100

ISSUED 7/24/98
58:52
FAX: (860) 571-5465

MATERIAL SAFETY DATA SHEET

Page 4 of 4

Product Name:
Item No.:

The Right Stuff(TM) Gasket Maker
25224

5957

(continued)

16. OTHER INFORMATION

(24hr.) Phone:
Revision Date:

(860) 571-5100
August 19, 1997

Revision: 0005