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Material Safety Data Sheet

1. PRODUCT IDENTIFICATION

Product Name: MOTO-SEAL 1 ULTIMATE GASKET MAKER GREY 80 ML
Item No: 29132
Product Type: Adhesive

2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	Weight Percent	ACGIH TLV:	OSHA PEL:
XYLENE 1330-20-7	25-35	100 ppm TWA	100 ppm TWA; 435 mg/m ³ TWA
CALCIUM CARBONATE 471-34-1	20-30	10 mg/m ³ particulate TWA	Not Listed
POLYETHYLENE-BASED RUBBER 68037-39-8	10-20	Not Listed	Not Listed
2-BUTOXYETHANOL 111-76-2	10-20	20 ppm TWA	25 ppm TWA; 240 mg/m ³ TWA
ETHYL BENZENE 100-41-4	1-10	100 ppm TWA	100 ppm TWA; 435 mg/m ³ TWA
TITANIUM DIOXIDE 13463-67-7	1-10	10 mg/m ³ TWA ACGIH	15 mg/m ³ TWA (total dust)

3. HAZARDS IDENTIFICATION

Toxicity: Note: This product does not contain microcrystalline silica. May irritate eyes and nose. May irritate respiratory system upon frequent or prolonged use. May irritate gastrointestinal tract.
Primary Routes of Entry: Eye and skin contact, ingestion, inhalation
Signs and Symptoms of Exposure: Excessive overexposure may cause giddiness, dizziness, headache, nausea and in extreme cases, unconsciousness and respiratory depression. Ingestion may cause cramps or diarrhea. Inhaling may cause mild irritation to the nose, throat and respiratory tract and may result in central nervous system (CNS) depression. Overexposure may cause eye and skin redness.

Ingredient	Weight Percent	NTP	ACGIH Carcinogens	IARC
XYLENE 1330-20-7	25-35	male rat-no evidence; female rat-no evidence; male mice-no evidence; female mice-no evidence	A4 - Not Classifiable as a Human Carcinogen	Group 3: Monograph 71, 1999; Monograph 47, 1989
2-BUTOXYETHANOL 111-76-2	10-20	male rat-no evidence; female rat-equivocal evidence; male mice-some evidence; female mice-some evidence	A3	Group 3; Vol.88, 2004
ETHYL BENZENE 100-41-4	1-10	male rat-clear evidence; female rat-some evidence; male mice-some evidence; female mice-some evidence	A3 Confirmed animal carcinogen with unknown relevance to humans	Group 2B Monograph 77, 2000
TITANIUM DIOXIDE 13463-67-7	1-10	male rat-negative, female rat-negative, male mice-negative, female mice-negative	A4	Group 3; Vol 47, pg 307, 1989

Medical Conditions Recognized as Being Aggravated by Exposure: Persons with respiratory problems such as emphysema and asthma should avoid inhalation. Persons with preexisting respiratory, liver, kidney, eye or skin diseases may be adversely affected.

4. FIRST AID MEASURES

Ingestion: If swallowed, DO NOT induce vomiting. Keep individual calm. Obtain medical attention.
Inhalation: Move to fresh air in case of accidental inhalation of vapors. Oxygen or artificial respiration if needed. Obtain medical attention.
Skin Contact: Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. 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): 87 degrees F. Method: Tag Closed Cup
Recommended Extinguishing Media: Water fog, carbon dioxide, foam, dry chemical.
Special Fire-Fighting Procedures: Firefighters should wear self-contained breathing apparatus.
Hazardous Products of Combustion: Oxides of carbon, Hydrogen chloride, Organic acid vapors., Oxides of sulfur, Aldehydes, Alcohols
Unusual Fire/Explosion Hazards: Vapors may travel from container toward sources of ignition and flashback. Heated cans may burst.
Lower Explosive Limit: Xylene: 0.9; 2-Butoxyethanol: 1.1
Upper Explosive Limit: Xylene: 7; 2-Butoxyethanol: 10.6; Ethylbenzene: 6.7

6. ACCIDENTAL RELEASE MEASURES

Spill Procedures: Eliminate all sources of ignition. Maintain good ventilation. Take up with an inert absorbent. Store in a closed waste container until disposal.

7. HANDLING AND STORAGE

Storage: Store in a cool, dry area. Avoid high heat sources, open flame and welding areas. Do not store near strong oxidizers such as liquid chlorine.
Handling: Avoid contact with skin and eyes. Use only in a well ventilated area. Do not use near heat, sparks or open flame.

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: An approved respirator (i.e. NIOSH, etc.) should be worn when exposures are expected to exceed the applicable limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Gray liquid
Odor: AROMATIC
Boiling Point: Not determined.
pH: Does not apply
Solubility in Water: Insoluble
Specific Gravity: 1.189
VOC Content(Wt.%): 44.22% by weight; 524 g/l
Vapor Pressure: Not Determined
Vapor Density (Air=1): Not Determined
Evaporation Rate: Not Determined

10. STABILITY AND REACTIVITY

Chemical Stability: Stable at normal conditions
Hazardous Polymerization: WILL NOT OCCUR
Incompatibilities: Strong oxidizers
Conditions to Avoid: Keep away from heat, sparks and open flame.
Hazardous Products of Combustion: Oxides of carbon, Hydrogen chloride, Organic acid vapors., Oxides of sulfur, Aldehydes, Alcohols

11. 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: D001 as per 40CFR 261.21

14. TRANSPORTATION INFORMATION

DOT (49CFR 172)

Domestic Ground Transport

DOT Shipping Name: Consumer Commodity (Not more than five liters)
Hazard Class: ORM-D
UN/ID Number: None
Marine Pollutant: None

IATA

Proper Shipping Name: Consumer Commodity (Not more than 1 liter)
Class or Division: Class 9
UN/NA Number: ID 8000

IMDG

Proper Shipping: Adhesives containing flammable liquid, Limited Quantity
Hazard Class: Class 3 PGIII
UN Number: UN 1133

15. REGULATORY INFORMATION

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

XYLENE, 2-BUTOXYETHANOL, ETHYL BENZENE

CALIFORNIA PROP 65:

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

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 2, FLAMMABILITY 3, REACTIVITY 0

Estimated HMIS Classification: HEALTH 2, FLAMMABILITY 3, 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.

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