

IMG Chemicals Corporation

Material Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION:

Company Contact Information
IMG Chemicals Corporation
P.O. Box 52461 Atlanta, GA 30355 USA
Telephone: +1(678) 513-69-23
Emergency Telephone Number
CHEMTREC: 800-424-9300 (24 hours)

Product Name: Gasket Maker Fuel Resistant
Item N^o: MG-404
Product Type: Adhesive

2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	Percent	ACGIH 8 Hr. TWA:	OSHA 8 Hr. TWA:
XYLENE, MIXTURE OF ISOMERS 1330-20-7	20-35	100 ppm TWA; 434 mg/m ³ TWA	100 ppm TWA; 435 mg/m ³ TWA
CALCIUM CARBONATE 471-34-1	20-30	10 mg/m ³ dust	15 mg/m ³ dust; 5 mg/m ³ respir
POLYETHYLENE-BASED RUBBER 68037-39-8	10-20		
2-BUTOXYETHANOL 111-76-2	10-20	25 ppm TWA; 121 mg/m ³ TWA	50 ppm TWA; 240 mg/m ³ TWA
CHLORINATED PARAFFIN 63449-39-8	1-10		
ETHYL BENZENE 100-41-4	0-10	100 ppm TWA; 434 mg/m ³ TWA	100 ppm TWA; 435 mg/m ³ TWA
TITANIUM DIOXIDE 13463-67-7	1-10	10 mg/m ³	15 mg/m ³ total dust

3. HAZARDS IDENTIFICATION

Toxicity: 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.

Ingredients	Percent	NTP:	ACGIH Carcinogens	IARC:
XYLENE, MIXTURE OF ISOMERS 1330-20-7	20-35	male rat-no evidence; female rat-no evidence; male mice-no evidence; female mice-no evidence	A4 - Not Classifiable as a Human Carcinogen	
CHLORINATED PARAFFIN 63449-39-8	1-10	Group 2: male rat-no evid.; female ratequivocal evid.; male mouse-clear evid.	Group 2B: Vol. 48, pg. 55: 1990	
TITANIUM DIOXIDE 13463-67-7	1-10			Group 3

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.

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4. FIRST AID MEASURES

Ingestion: If swallowed, DO NOT induce vomiting. Keep individual calm. Obtain medical attention.
Inhalation: If inhaled, remove to fresh air. If not breathing give artificial respiration, preferably mouth-to-mouth. If breathing is difficult give oxygen. Get medical attention.
Skin Contact: Remove contaminated clothing. Wash area with soap and water. If irritation persists, seek medical attention.
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 Formed by Fire or Thermal Decomposition: 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 or goggles.
Skin: Rubber or plastic gloves
Ventilation: General; local exhaust ventilation as necessary to control any air contaminants to within their exposure limits 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 (°F): 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: High temperatures.
Hazardous Products Formed by Fire or Thermal Decomposition: Oxides of carbon. Hydrogen chloride. Organic acid vapors. Oxides of sulfur, Aldehydes, Alcohols

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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. TRANSPORT 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

IMDG

UN1133, ADHESIVES, 3, PG III, LTD QTY.,FP 30.5 TCC

EMS: F-E, S-D

BOXES OF 12 EACH 3 OZ METAL TUBES, PLASTIC CAP

15. REGULATORY INFORMATION

SARA 313 Chemicals: The following component(s) is listed as a SARA Section 313 Toxic Chemical
XYLENE, 2-BUTOXYETHANOL, ETHYL BENZENE

TSCA Inventory Status:

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: FLAMMABILITY 3, REACTIVITY 0, HEALTH 2

NFPA is a registered trademark of the National Fire Protection Assn.

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

Revision Date: 05/08/2013