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Material Safety Data Sheet

1. PRODUCT IDENTIFICATION

Product Name: **MOTO SEAL 2 ULTIMATE GASKET MAKER WHITE 80 ML**
Item No: **30304**
Product Type: **Silicone**

2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	Percent	ACGIH 8 Hr. TWA:	OSHA 8 Hr. TWA:
POLY (DIMETHYLSILOXANE), HYDROXY TERMINATED 70131-67-8	40-50	Not Listed	Not Listed
POLYBUTYLENE RESIN 9003-29-6	20-30	Not Listed	Not Listed
CALCIUM CARBONATE 471-34-1	10-20	10 mg/m^3 total dust	15 mg/m^3 dust; 5 mg/m^3 respir
MODIFIED SILICON DIOXIDE 68611-44-9	5-15	Not Listed	Not Listed
VINYL OXIMINOSILANE 2224-33-1	1-10	Not Listed	Not Listed
TITANIUM DIOXIDE 13463-67-7	1-10	10 mg/m^3	10 mg/m^3; 15 mg/m^3 total dust
2-BUTANONE OXIME 96-29-7	****	Not Listed	Not Listed

3. HAZARDS IDENTIFICATION

Toxicity: Note: This product does not contain microcyrstalline silica. May cause eye and skin irritation. ****When this product if exposed to moisture, up to 5% butanone oxime may be formed. 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. May be harmful if swallowed. May irritate lips, gums, tongue, mouth, nose and throat.

Primary Routes of Entry: Eye and skin contact, ingestion, inhalation.

Signs and Symptoms of Exposure: Butanone oxime produced during curing is toxic and irritates eyes, nose and throat. Overexposure to the silane may cause coma and respiratory failure.

Ingredients	Percent	NTP:	ACGIH Carcinogens	IARC:
TITANIUM DIOXIDE 13463-67-7	1-10			Group 3; Vol 47, pg 307, 1989

Medical Conditions Recognized as Being Aggravated by Exposure: None known

4. FIRST AID MEASURES

Ingestion: Rinse mouth with water several times. If swallowed, DO NOT induce vomiting. Keep individual calm. Obtain medical attention.

Inhalation: If inhaled, remove from area to fresh air. Get medical attention if respiratory irritation develops or if breathing becomes difficult..

Skin Contact: Wipe off paste with paper towel or cloth. Wash exposed area with soap and water. Seek medical attention if irritation persists.

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): More than 200 degrees F. Method: Tag Closed Cup

Recommended Extinguishing Media: Carbon Dioxide, Dry Chemicals, Foam.

Special Fire-Fighting Procedures: Water spray may be ineffective on flames but should be used to keep fire-exposed containers cool.

Hazardous Products Formed by Fire or Thermal Decomposition:	Oxides of nitrogen, Methyl ethyl ketone, possibly methyl ethyl ketoxime. Silica fume, Oxides of carbon. Formaldehyde,
Unusual Fire/Explosion Hazards:	None
Lower Explosive Limit:	Not determined
Upper Explosive Limit:	Not determined

6. ACCIDENTAL RELEASE MEASURES

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

7. HANDLING AND STORAGE

Storage: Store in a dry area below 90 degrees F. Keep container closed when not in use.
Handling: Avoid contact with skin and eyes. Do not inhale vapors.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eyes: Safety glasses or goggles. Avoid contact lenses.
Skin: Rubber or plastic gloves
Ventilation: General ventilation is usually adequate.
Respiratory Protection: Not normally necessary. 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:	White paste
Odor:	MILD
Boiling Point (°F):	Not applicable, polymeric material
pH:	Does not apply
Solubility in Water:	Polymerized
Specific Gravity:	1.11
VOC Content(Wt.%):	4% by weight; 43.2-45.6 g/l
Vapor Pressure:	Less than 5 mm Hg @ 70 degrees F.
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
Incompatabilities:	Polymerized by contact with moisture. Strong oxidizers. Acids, Iron.
Conditions to Avoid:	Moisture while storing.
Hazardous Products Formed by Fire or Thermal Decomposition:	Oxides of nitrogen, Methyl ethyl ketone, possibly methyl ethyl ketoxime. Silica fume, Oxides of carbon. Formaldehyde,

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: NH - Not a RCRA Hazardous Waste Material

14. TRANSPORTATION INFORMATION

DOT (49CFR 172)

Domestic Ground Transport

DOT Shipping Name:	Unrestricted
Hazard Class:	NONE
UN/ID Number:	None
Marine Pollutant:	None

IATA

Proper Shipping Name:	Unrestricted
Class or Division:	None
UN/NA Number:	None

IMDG

Proper Shipping:	Unrestricted
Hazard Class:	None
UN Number:	None

15. REGULATORY INFORMATION

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

SARA 313 Information
NONE

CALIFORNIA PROP 65:
WARNING: This product contains a chemical known to the State of California to cause 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 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.

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