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## Material Safety Data Sheet

### 1. PRODUCT IDENTIFICATION

**Product Name:** FORD MOTORCRAFT ZC-30 SILICONE GASKET REMOVER 5OZ  
**Item No:** 80640  
**Product Type:** Cleaner

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	Weight Percent	ACGIH TLV:	OSHA PEL:
DISTILLATES (PETROLEUM), HYDROTREATED LIGHT 64742-47-8	40-60	Not Listed	100 ppm TWA
HEPTANE 142-82-5	30-50	400 ppm TWA; 500 ppm STEL	500 ppm TWA; 2000 mg/m <sup>3</sup> TWA
DODECYLBENZENE SULFONIC ACID 27176-87-0	1-10	Not Listed	Not Listed
BUTYLATED HYDROXY TOLUENE 128-37-0	0.1-1.0	2 mg/m <sup>3</sup> TWA	10 mg/m <sup>3</sup> TWA
SULPHURIC ACID 7664-93-9	0.1-1.0	1 mg/m <sup>3</sup> TWA	1 mg/m <sup>3</sup> TWA

### 3. HAZARDS IDENTIFICATION

**Toxicity:** May cause eye, skin and respiratory irritation. High concentrations may cause central nervous system (CNS) depression. Aspiration hazard if swallowed. Harmful if absorbed through the skin. Long term exposure to high concentrations of vapor may cause lung, liver or kidney damage. Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage (sometimes referred to as "solvent" or "painter's syndrome"). Symptoms include fatigue, concentration difficulties, anxiety, depression, rapid mood swings, and short-term memory loss.

**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. 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, difficulty breathing and vomiting.

Ingredient	Weight Percent	NTP	ACGIH Carcinogens	IARC
BUTYLATED HYDROXY TOLUENE 128-37-0	0.1-1.0	Group 2	A4 - not classifiable	Group 3 Vol 40 Supp 7, pg 59; 1987; Monograph 40, 1986
SULPHURIC ACID 7664-93-9	0.1-1.0		(contained in strong inorganic acid mists): A2 - Suspected Human Carcinogen	Monograph 54; 1992

**Medical Conditions Recognized as Being Aggravated by Exposure:** Preexisting eye, skin and respiratory disorders may be aggravated by overexposure to this product

### 4. FIRST AID MEASURES

**Ingestion:** Do not induce vomiting. Slowly dilute with 1-2 glasses of water or milk and seek medical attention. Never give anything by mouth to an unconscious person.

**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):**

**Recommended Extinguishing Media:**

**Special Fire-Fighting Procedures:**

**Hazardous Products of Combustion:**

**Unusual Fire/Explosion Hazards:**

15°F Method: Estimate (based on Heptane)

Carbon Dioxide, Dry Chemicals, Foam.

Firefighters should wear self-contained breathing apparatus. Use water to cool exposed containers. Water stream directed into fire may cause frothing with subsequent spread of flame.

Oxides of carbon, Irritating vapors

Dense smoke may be generated while burning. Closed containers may rupture or explode when exposed to extreme heat

**Lower Explosive Limit:**

**Upper Explosive Limit:**

Not determined.

Not determined.

## **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. Clean up spills thoroughly as residue is slippery.

## **7. HANDLING AND STORAGE**

**Storage:**

**Handling:**

Store away from heat, sparks or open flame. Do not store at temperatures above 120 degrees F..

Avoid prolonged skin contact. Keep away from eyes. Use in a well ventilated area to prevent irritation by vapors. Do not use near heat, sparks or open flame. Keep containers tightly closed when not in use.

Product may cause surfaces to become slippery. Wash hands and face after handling this compound.

## **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Eyes:**

**Skin:**

**Ventilation:**

Safety glasses.

Rubber or plastic gloves. Long sleeves and long pants.

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:**

**Odor:**

**Boiling Point:**

**pH:**

**Solubility in Water:**

**Specific Gravity:**

**VOC Content(Wt.%):**

**Vapor Pressure:**

**Vapor Density (Air=1):**

**Evaporation Rate:**

Amber gel

SOLVENT

200 to 550°F

Does not apply

Insoluble

0.79

34%

Not Determined

Not Determined

Not Determined

## **10. STABILITY AND REACTIVITY**

**Chemical Stability:**

**Hazardous Polymerization:**

**Incompatibilities:**

**Conditions to Avoid:**

**Hazardous Products of Combustion:**

Stable at normal conditions

Will not occur

Strong oxidizers, acids, alkalines

Heat

Oxides of carbon, Irritating vapors

## **11. TOXICOLOGICAL INFORMATION**

See Section 3

## **12. ECOLOGICAL INFORMATION**

No data available

## **13. DISPOSAL CONSIDERATIONS**

**Recommended Method of Disposal:**

**US EPA Waste Number:**

Disposal should be made in accordance with federal, state and local regulations.

D002 as per 40CFR 261.22 D005

## **14. TRANSPORTATION INFORMATION**

**DOT (49CFR 172)**

### **Domestic Ground Transport**

<b>DOT Shipping Name:</b>	Consumer Commodity (not more than one liter)
<b>Hazard Class:</b>	ORM-D
<b>UN/ID Number:</b>	None
<b>Marine Pollutant:</b>	None

### **IATA**

<b>Proper Shipping Name:</b>	Flammable liquids, corrosive, n.o.s., (Heptane, Dodecylbenzenesulfonic acid), Limited Quantity
<b>Class or Division:</b>	Class 3, PG II, Subsidiary Risk 8
<b>UN/NA Number:</b>	UN2924

### **IMDG**

<b>Proper Shipping:</b>	Flammable liquids, corrosive, n.o.s., (Heptane, Dodecylbenzenesulfonic acid), Limited Quantity
<b>Hazard Class:</b>	Class 3, PG II, Subsidiary Risk 8
<b>UN Number:</b>	UN 2924

## **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 2, FLAMMABILITY 3, REACTIVITY 1

**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.

### **Prepared By:**

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### **Company:**

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