

MATERIAL SAFETY DATA SHEET

I. PRODUCT IDENTIFICATION

Product Name: 83H Super "300" Form-A-Gasket  
 Item No.: 80057  
 Product Type: Sealant  
 Formula No.: Does not apply

MAY 23 1994

II. COMPOSITION

Ingredients	CAS No.	%
ISOPROPYL ALCOHOL	67-63-0	35-40
Vegetable oil	68439-93-0	25-30
Rosin	8050-09-7	15-20
TALC	14807-96-6	10-15
Vinyl resin	63148-65-2	1-3
CARBON BLACK	1333-86-4	0.1-1
SILICA, AMORPHOUS TREATED	112945-52-5	0.1-1

III. CHEMICAL AND PHYSICAL PROPERTIES

Vapor Pressure: 33mm at 68°F  
 Vapor Density: 2.07  
 Solubility in Water: Partial  
 Specific Gravity: 1.0 at 77°F  
 Boiling Point: 180°F  
 Volatile Organic Compound (EPA Method 24): Not available  
 Evaporation Rate (Ether = 1): 7.7  
 pH: Does not apply  
 Appearance: Black paste  
 Odor: Alcoholic

IV. FLAMMABILITY AND EXPLOSIVE PROPERTIES

Flash Point: 60° F Method: Tag Closed Cup  
 Estimated NFPA Code:  
 Health Hazard: 2  
 Fire Hazard: 3  
 Reactivity Hazard: 0  
 Specific Hazard: Does not apply  
 Estimated HMIS Code:  
 Health Hazard: 2  
 Flammability Hazard: 3  
 Reactivity Hazard: 0  
 Personal Protection: See Section X.  
 Explosive Limits:  
 (% by volume in air) Lower: 2%  
 (% by volume in air) Upper: 12%  
 Recommended Extinguishing Agents: Carbon dioxide, foam, dry chemical  
 Hazardous Products Formed by Fire or Thermal Decomposition: Irritating organic vapors  
 Unusual Fire or Explosion Hazards: None  
 Compressed Gases: None  
 Pressure at Room Temp.: Does not apply

V. SPILL OR LEAK AND DISPOSAL PROCEDURES

Steps to be taken in case of spill or leak: Remove sources of ignition. Maintain adequate ventilation. Scrape up as much as possible and store in a closed container until disposal. Residues may be cleaned with isopropyl alcohol.  
 Recommended methods of disposal: Incinerate following EPA and local regulations.

VI. STORAGE AND HANDLING PROCEDURES

Storage: Store away from heat and flame.  
 Handling: Avoid prolonged breathing of vapors. Keep away from eyes. Avoid prolonged skin contact.

VII. SHIPPING REGULATIONS

DOT (49 CFR 172)  
 Domestic Ground Transport  
 Proper Shipping Name: Consumer Commodity (Not more than one liter); Resin solution (More than one liter)  
 Hazard Class or Division: ORM-D (Not more than one liter); Class 3, Packing Group II (More than one liter)

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VII. SHIPPING REGULATIONS

(continued)

Identification Number: None (Not more than one liter);  
 UN 1866 (More than one liter)  
 Marine Pollutant: None  
 IATA  
 Proper Shipping Name: Resin Solution  
 Class or Division: Class 3, Packing Group II  
 UN or ID Number: UN 1866

VIII. REACTIVITY DATA

Stability: Stable  
 Hazardous Polymerization: Will not occur.  
 Hazardous Decomposition Products (non-thermal): None  
 Incompatibility: Strong oxidizers

IX. EMERGENCY TREATMENT PROCEDURES

Ingestion: Induce vomiting. Obtain medical attention.  
 Inhalation: Remove to fresh air. If symptoms persist, obtain medical attention.  
 Skin Contact: Wash with soap and water.  
 Eye Contact: Flush at least 15 minutes with water. Obtain medical attention.

X. PERSONAL PROTECTION

Eyes: Safety glasses or goggles.  
 Skin: Rubber or plastic gloves.  
 Ventilation: Sufficient to maintain vapor concentration below TLV.

XI. HEALTH HAZARD DATA

Toxicity: Eye irritant. Moderately toxic by ingestion.  
 Primary Routes of Entry: Inhalation, ingestion, contact.  
 Signs and Symptoms of Exposure: Vapor above TLV is irritating to eyes, nose and throat and can cause headache, dizziness, nausea.  
 Existing Conditions Aggravated by Exposure: Skin, eye, and respiratory disorders.

Exposure Limits (TWA) Ingredients	ACGIH (TLV)	OSHA (PEL)	OTHER
ISOPROPYL ALCOHOL	400 ppm TWA	400 ppm TWA	None
Vegetable oil	983 mg/m3 10 mg/m3 mist	980 mg/m3 15mg/m3mistdust 5mg/m3mist resp	None
TALC	2 mg/m3 TWA	2 mg/m3 TWA	None
CARBON BLACK	respirable dust	respirable dust	
SILICA, AMORPHOUS TREATED	3.5 mg/m3 TWA 10 mg/m3 TWA	3.5 mg/m3 TWA 6 mg/m3 TWA	5ppm None
Exposure Limits (STEL) Ingredients	ACGIH (TLV)	OSHA (PEL)	
ISOPROPYL ALCOHOL	500 ppm 1230 mg/m3	500 ppm 1225 mg/m3	

Ingredients for which no Exposure Limits have been established are not listed above.

Ingredients	Literature Referenced Target Organ and Other Health Effects	Carcinogen		
		NTP	IARC	OSHA
ISOPROPYL ALCOHOL	GAS IRR NER PNS REP VAS	NO	N/A	NO
Vegetable oil	No Data	NO	NO	NO
Rosin	ACS ALG LUN	NO	NO	NO
TALC	IRR	NO	N/A	NO
Vinyl resin	IRR	NO	NO	NO
CARBON BLACK	No Data	NO	N/A	NO
SILICA, AMORPHOUS TREATED	LUN	NO	N/A	NO

Abbreviations

N/A Not Applicable  
 ALG Allergen  
 IRR Irritant  
 NER Nervous System  
 ACS ACGIH sensitizer  
 GAS Gastrointestinal  
 LUN Lung  
 PNS Peripheral nervous system

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XI. HEALTH HAZARD DATA

(continued)

REP Reproductive

VAS Vascular

XII. PREPARATION INFORMATION

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