

MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Indian Head(R) Gasket Shellac Compound
 Item No.: 80021
 Part No.: 5J
 Product Type: Sealant

2. COMPOSITION, INFORMATION ON INGREDIENTS

Ingredients	CAS No.	%
Rosin	8050-09-7	55-60
ISOPROPYL ALCOHOL	67-63-0	35-40
Vegetable oil	68187-84-8	3-5

Ingredients which have exposure limits

Exposure Limits (TWA) Ingredients	ACGIH (TLV)	OSHA (PEL)	OTHER
ISOPROPYL ALCOHOL	400 ppm TWA 983 mg/m3	400 ppm TWA 980 mg/m3	400 ppm TWA DuPont AEL
Exposure Limits (STEL) Ingredients	ACGIH (TLV)	OSHA (PEL)	
ISOPROPYL ALCOHOL	500 ppm 1230 mg/m3	500 ppm 1225 mg/m3	

3. HAZARDS IDENTIFICATION

Toxicity: Eye irritant.
 Oral LD50 greater than 5000 mg/kg (estimated)
 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.

Ingredients	Literature Referenced Target Organ and Other Health Effects	Carcinogen		
		NTP	IARC	OSHA
Rosin	ALG IRR RES	NO	NO	NO
ISOPROPYL ALCOHOL	ALG BLO CNS IRR KID	NO	N/A	NO
Vegetable oil	No Data	NO	NO	NO

Abbreviations

N/A Not Applicable
 BLO Blood
 IRR Irritant
 RES Respiratory
 ALG Allergen
 CNS Central nervous system
 KID Kidney

4. FIRST AID MEASURES

Ingestion: Do not induce vomiting. Keep individual calm. 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.

5. FIRE FIGHTING MEASURES

Flash Point: 76 °F Method: Tag closed cup
 Recommended Extinguishing Agents: Carbon dioxide, foam, dry chemical
 Special Firefighting Procedures: Not available
 Hazardous Products formed by Fire or Thermal Decomp: Aliphatic aldehydes, carboxylic acids, oxides of carbon.
 Unusual Fire or Explosion Hazards: None
 Explosive Limits:
 (% by volume in air) Lower 2.3%
 (% by volume in air) Upper 12.7%

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Product Name: Indian Head(R) Gasket Shellac Compound
Item No.: 800216. ACCIDENTAL RELEASE MEASURESSteps 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.7. HANDLING AND STORAGESafe Storage:
(Contact Loctite Customer
Handling:Store away from heat and flame.
Service 1-800-243-4874 for shelf life information)
Avoid prolonged breathing of vapors. Keep away
from eyes.8. EXPOSURE CONTROLS, PERSONAL PROTECTIONEyes:
Skin:
Ventilation:
RespiratorySafety glasses or goggles.
Rubber or plastic gloves.
Must be adequate to avoid exceeding TLV.
Not available

See Section 2 for Exposure Limits.

9. PHYSICAL AND CHEMICAL PROPERTIESAppearance:
Odor:
Boiling Point:
pH:
Solubility in Water:
Specific Gravity
Volatile Organic Compound
(EPA Method 24)
Vapor Pressure:
Vapor Density:
Evaporation Rate
(Ether = 1)Brown, viscous, tacky liquid.
Alcoholic
180 F
Does not apply
Partial
1.1 at 77 F
34.8%
33 mm
2.07
Not available10. STABILITY AND REACTIVITYStability: Stable
Hazardous Polymerization: Will not occur
Incompatibility: Strong oxidizers
Conditions to Avoid: Not available
Hazardous Decomposition
Products (non-thermal): None11. TOXICOLOGICAL INFORMATION

See Section 3.

12. ECOLOGICAL INFORMATION

No data available

13. DISPOSAL CONSIDERATIONSRecommended methods of
disposal:
EPA Hazardous Waste
NumberIncinerate following EPA and local regulations.
D001 - Hazardous waste per 40CFR 261.2114. TRANSPORTATION INFORMATION

DOT (49 CFR 172)

Domestic Ground Transport
Proper Shipping Name:Consumer Commodity (Not more than five liters);
Resin solution (More than five liters)Hazard Class or
Division:ORM-D (Not more than five liters);
Class 3, Packing Group III (More than five liters)
None (Not more than five liters);
UN 1866 (More than five liters)

Identification Number:

Marine Pollutant:

None

IATA

Proper Shipping Name:

Consumer Commodity (Not more than 500 ml);
Resin Solution (More than 500 ml)

Class or Division:

Class 9 (Not more than 500 ml);
Class 3, Packing Group III (More than 500 ml)
ID 8000 (Not more than 500 ml);
UN 1866 (More than 500 ml)

UN or ID Number:

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Product Name: Indian Head(R) Gasket Shellac Compound
Item No.: 8002115. REGULATORY INFORMATION

CA Proposition 65: No Prop65 chemicals are known to be present.

16. OTHER INFORMATIONEstimated NFPA(R) Code:
Health Hazard: 2
Fire Hazard: 3
Reactivity Hazard: 0
Specific Hazard: Does not applyEstimated HMIS(R) Code:
Health Hazard: 2
Flammability Hazard: 3
Reactivity Hazards: 0
Personal Protection: See Section 8.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: Stephen Repetto
Title: Research Chemist; Safety, Health & Regulatory Affairs
Company: Loctite Corp., 1001 Tr Br Cr, Rocky Hill CT 06067
(24hr.) Phone: (860) 571-5100
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