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SAFETY DATA SHEET

according to regulation (EU) No. 453/2010

1. IDENTIFICATION OF THE PREPARATION

Identification of the preparation: 5J-1 INDIAN HEAD GASKET SHELLAC 2 FL.OZ
Recommended use: Sealant
Item Number: 20539

2. HAZARDS IDENTIFICATION

Classification and labelling according to Directive 67/548/EEC



Most Important Hazards: Flammable. Harmful by inhalation, in contact with skin and if swallowed. May cause allergic skin reaction.

Classification and labelling according to CLP (EC No.1272/2008)



Classification:

Flammable liquid, Category 3
Skin sensitization, Category 1
Target Organ Systemic Toxicant - Single exposure, Category 1

Statements of hazard:

Danger
Flammable liquid and vapour
May cause allergic skin reaction
Causes damage to organs (Lungs)

Precautions for safe handling:

Keep out of the reach of children
Keep away from heat/sparks/open flames/hot surface –
No smoking.
Keep container tightly closed.
Take precautionary measures against static discharge
Do not breathe dust/fume/gas/mist/vapours/spray
Wash thoroughly after handling
Do not eat, drink or smoke when using this product
Contaminated work clothing should not be allowed out of the workplace
Wear protective gloves/clothing and eye/face protection

3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	Weight%	EC Number	EU Classification 67/548/EEC	CLP Classification EC No.1272/2008
ROSIN 8050-09-7	>40	232-475-7	Xi;R43	Skin Sens. 1
ETHANOL 64-17-5	20-40	200-578-6	F;R11	Flam. Liq. 2
VEGETABLE OIL 68187-84-8	<5	269-128-4	None	None
2-PROPANOL 67-63-0	<5	200-661-7	F;R11 R67 Xi;R36	Flam. Liq. 2 Eye Irrit. 2A STOT SE 3
METHANOL 67-56-1	<2	Not determined	F;R11 T;R23/24/25- 39/23/24/25	Flam. Liq. 2 Acute Tox. 3 STOT SE 1

4. FIRST-AID MEASURES

General Information:

Inhalation:

If you feel unwell, seek medical advice (show the label where possible)
Move to fresh air in case of accidental inhalation of vapours. Obtain medical attention.

Skin Contact:

Wash off with soap and water. 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.

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.

Protection of first-aiders:

Avoid contact with skin, eyes and clothing. Use personal protective equipment.

Notes to Physician:

Treatment should be directed at preventing absorption, administering to symptoms (if they occur), and providing supportive therapy

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media:

Dry chemical, Carbon dioxide (CO₂), foam

Extinguishing media which must not be used for safety reasons:

None reasonably foreseeable

Special instructions for protection and hygiene:

Flammable. Keep away from heat and sources of ignition.

Special protective equipment for firefighters:

Use personal protective equipment

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions:

For additional information on processing see sections 7, 8 and 11 of this safety data sheet.

Environmental Precautions:

Do not flush into surface water or sanitary sewer system.

Cleanup:

Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container

7. HANDLING AND STORAGE

Handling precautions:

Do not use near heat, sparks and open flame. Do not ingest. Avoid breathing vapors or mists. Avoid contact with the skin and the eyes. Wash thoroughly after handling. Wash contaminated clothing before reuse.

Storage:

Keep away from heat and sources of ignition.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Component	ACGIH; TLV-TWA	German MAK; TWA	UK WEL; TWA	Finnish OEL; HTP
ROSIN 8050-09-7	Not listed	Not listed	Not listed	Not listed
ETHANOL 64-17-5	1000 ppm	500 ppm; 960 mg/m ³	100 ppm; 1920 mg/m ³	8h: 1000 ppm; 1900 mg/m ³ ; 15min: 1300 ppm; 2500 mg/m ³
VEGETABLE OIL 68187-84-8	5 mg/m ³	Not listed	Not listed	8h: 5 mg/m ³
2-PROPANOL 67-63-0	200 ppm	200 ppm; 500 mg/m ³	400 ppm; 999 mg/m ³	8h: 200 ppm; 500 mg/m ³ ; 15min: 250 ppm; 620 mg/m ³
METHANOL 67-56-1	200 ppm	200 ppm; 270 mg/m ³	200 ppm; 266 mg/m ³	8h: 200 ppm; 270 mg/m ³ ; 15min: 250 ppm; 330 mg/m ³

Ventilation:

Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction.

Respiratory Protection:

An approved organic vapor respirator should be worn when exposures are expected to exceed the applicable limits.

Skin:

Neoprene or nitrile gloves recommended.

Eyes:

Safety glasses

Hygiene Measures:

When using, do not eat, drink or smoke

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:

Brown Viscous liquid

Odor:

Alcohol

pH:

Does not apply

Boiling point/range:

180°F (82°C)

Melting point:

Not determined

Flash point:

25°C (77°F).

Risk of explosion:

Flammable. Keep away from heat and sources of ignition.

Vapor pressure:

33 mm Hg

Density:

1.1

Solubility in water:

Slight

Partition coefficient (n-octanol/water):

Not determined

Vapor density:

>1 (Air = 1)

Evaporation Rate:

<1 (Butyl acetate = 1)

VOC Content(%):

32%

10. STABILITY/REACTIVITY

Stability:

Stable under normal conditions.

Conditions to Avoid:

Keep away from heat, sparks and open flame. - No smoking.

Materials to avoid:

Strong oxidizing agents, Strong bases

Hazardous decomposition products:

Carbon oxides, Aldehydes, Carboxylic acid

11. TOXICOLOGICAL INFORMATION

Component	Weight%	LD50/oral/rat	LD50/dermal/rabbit	LC50/inhalation/rat	IARC Carcinogen
ROSIN 8050-09-7	>40	3.0 mg/kg	>2500 mg/kg		

11. TOXICOLOGICAL INFORMATION

Component	Weight%	LD50/oral/rat	LD50/dermal/rabbit	LC50/inhalation/rat	IARC Carcinogen
ETHANOL 64-17-5	20-40	7060 mg/kg		124.7 mg/L (4H)	Group 1; Monograph 100E, Monograph 96 (2010)
2-PROPANOL 67-63-0	<5	4396 mg/kg	12800 mg/kg	72.6 mg/L/4H	Group 3 Monograph 71, 1999; Supp.7, 1987; Monograph 15, 1977
METHANOL 67-56-1	<2	5628 mg/kg	15800 mg/kg	82.3 mg/L (4H)	

Local Effects

Skin Irritation:	May cause skin irritation and/or dermatitis. May cause allergic skin reaction.
Eye Irritation:	Irritating, but will not permanently injure eye tissue.
Inhalation:	May be harmful if inhaled.
Ingestion:	Harmful if swallowed
Sensitization:	May cause sensitization of susceptible persons by skin contact.
Chronic toxicity:	Possible risks of irreversible effects..

Specific Effects

Carcinogenic effects:	None reasonably foreseeable
Mutagenic effects:	None reasonably foreseeable
Reproductive toxicity:	None reasonably foreseeable
Target Organ Effects:	Eyes, Skin, Respiratory System, Gastrointestinal Tract

12. ECOLOGICAL INFORMATION

Ecotoxicity:	No information available
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13. DISPOSAL CONSIDERATIONS

Waste from Residues:	According to the European Waste Catalogue, Waste Codes are not product specific, but application specific. Waste codes should be assigned by the user based on the application for which the product was used.
RoHS/WEEE:	This product is in compliance with EU Directive 2002/95/EC Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment (RoHS) and EU Directive 2002/96/EC Restriction on waste electrical and electronic equipment (WEEE).

14. TRANSPORT INFORMATION

IATA (Air)

Proper Shipping Name:	Consumer Commodity
Hazard Class:	Class 9
UN/ID No:	ID 8000

IMDG (Vessel)

Proper shipping name:	Resin solution, flammable, Limited Quantity
Hazard Class:	Class 3, PG III
UN/ID No:	UN 1866
Marine Pollutant:	None

ADR/RID

Proper Shipping Name:	Resin solution, flammable
Hazard Class:	Class 3, PG III
UN/ID No:	UN 1866
ADR/RID:	Limited Quantity; LQ7

15. REGULATORY INFORMATION

This product is classified in accordance with Annex VI to Directive 67/548/EEC

Contains rosin: may cause sensitization by skin contact.

Product Name: 5J-1 INDIAN HEAD GASKET SHELLAC 2
FL.OZ

Item No. 20539

Indication of Danger: Xn - Harmful

Names of the ingredients given on the warning label:

Methanol

R -phrase(s):

R10 - Flammable

R43 - May cause sensitization by skin contact

R68/20/21/22 - Harmful: possible risk of irreversible effects through inhalation, in contact with skin and if swallowed

S -phrase(s):

S 2 - Keep out of the reach of children

S16 - Keep away from sources of ignition - No smoking

S36/37 - Wear suitable protective clothing and gloves

S45 - In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible)

16. OTHER INFORMATION

Risk Phrases mentioned in Section 3:

R11 - Highly flammable.

R36 - Irritating to eyes.

R43 - May cause sensitization by skin contact.

R67 - Vapours may cause drowsiness and dizziness

R23/24/25 - Toxic by inhalation, in contact with skin and if swallowed.

R39/23/24/25 - Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed.

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