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MATERIAL SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Trade Name	EZ- 602 HS-1 EZ- 602 RP-1 EZ- 602 HL-1 EZ -602 - 1
Manufacturer/Supplier	ITW Chemin, ITW INDIA LIMITED
Address	Plot No: 34-37, Phase- 2, IDA, APIIC, Pashamylaram, Medak Dist- 502307, INDIA
Phone Number	+91 8455 224700/224701
Fax Number	+91 8455 224705
E-Mail	chemininfo@itwchemin.com

2. COMPOSITION/INFORMATION ON THE COMPONENTS

No Hazardous components as per OSHA'S HAZARD COMMUNICATION STANDARD 29CFR 1910.1200

Component Name	CAS#	Concentration	Exposure Limits	R-Phrase
Solvent refined base oil	64742-01-04	>60%	Not established	
Lithium soap	Mixture	15-25%		
Additives	Mixture	5-15%		

3. HAZARD IDENTIFICATION

Main Hazards	No significant hazard.
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4. FIRST AID MEASURES SYMPTOMS ACTIONS

Eye contact	May be Mild irritation at the site of contact.	Wash immediately with plenty of soap and water
Skin contact	May be Irritation and redness	Bathe the eye with running water for 15 minutes. Consult a doctor
Ingestion	May be irritation of throat	Wash out mouth with water
Inhalation	May be coughing and sore throat.	Remove causality from exposure ensuring one's own safety whilst doing so.

5. FIRE FIGHTING MEASURES

Extinguishing Media	Use foam, dry chemical or carbon dioxide.
Unsuitable Extinguishing Media	Do not use water jet.
Special Hazards of Product	This product may give rise to hazardous fumes in a fire.
Protective Equipment for Fire-Fighting	Wear self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Material can create slippery conditions underfoot.
Environmental Precautions	Try to prevent the material from entering drains or rivers.
Spillages	Contain and absorb using earth, sand or other inert material. Transfer into suitable containers for recovery or disposal. Finally flush area with plenty of water.

7. HANDLING AND STORAGE

Handling	Keep away from heat, sparks and flame.
Storage	Storage temperature should be controlled to between 5 and 45 °C.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Control Measures	Exposure to this material may be controlled in a number of ways. The measures appropriate for a particular worksite depend on how the material is used and on the potential for exposure. Use of the basic principles of Industrial Hygiene will enable this material to be used safely.
Respiratory Protection	Respiratory protection not normally required.
Hand Protection	Wearing impervious protective gloves made from neoprene, nitrile or n-butyl rubber can minimize skin contact. Use a good quality water-soluble barrier cream.
Eye Protection	Chemical goggles if there is a risk of eye contact.
Body Protection	Normal work wear.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Thick paste.
Color	Amber to brown
Odor	No characteristic odor.
pH	Not applicable
Boiling Range/Point (°C)	> 230 deg C
Flash Point (PMCC) (°C)	> 190
Solubility in Water	Not soluble
Density	Less than 1 (measured as kg/liter)
Auto-flammability (°C)	Above 200.
Viscosity (CSt)	Thick paste NLGI GRADE- 1

10. STABILITY AND REACTIVITY

Stability	Stable under normal conditions.
Conditions to Avoid	High temperatures.
Materials to Avoid	Strong oxidizing agents. Strong acids.
Hazardous Decomposition Products	combustion will generate: Carbon dioxide and carbon monoxide vapors.

11. TOXICOLOGICAL INFORMATION

Routes of exposure	Refer to section 4 of SDS for routes of exposure and corresponding symptoms
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12. ECOLOGICAL INFORMATION

Mobility	Non-volatile absorbed only slowly in to soil.
Persistence/Degradability	Not Known

13. DISPOSAL

Product Disposal	Dispose of in a regulated landfill site or other method for hazardous or toxic wastes.
Container Disposal	Labels should not be removed from containers until they have been cleaned. Dispose of containers with care. Do not incinerate closed containers.

14. TRANSPORT INFORMATION

ADR/RID	UN no: -
	Shipping name: " NOT SUBJECT TO ADR"
IMDG/ IMO	UN no: -
	Not classified
IATA/ICAO	UN no: -
	Not classified

15. REGULATORY INFORMATION

Hazard Symbols	No significant Hazard
Risk phrases	None
Safety phrases	None
Note	The regulatory information given above only indicates the principle regulations specifically applicable to the product described in the safety data sheet. The users attention is drawn to the possible existence of additional provisions, which complete these regulations. Refer to all applicable national and local regulations or provisions.

16. OTHER INFORMATION

Other information	Industrial Grease
HMIS RATING	Health: 0 Reactivity: 0 Flammability: 1
Risk phrases used in s.2	
Legal disclaimer	The above information is believed to be correct but does not purport to be all-inclusive and shall be only used as guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

Ref no: EZ/03; Rev Date: April, 2008; Previous Revision – August, 2006

MATERIAL SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Trade Name	EZ- 602 HS-2 EZ- 602 RP-2 EZ- 602 HL-2 EZ -602 - 2
Manufacturer/Supplier	<i>ITW</i> Chemin, ITW INDIA LIMITED
Address	Plot No: 34-37, Phase- 2, IDA, APIIC, Pashammylaram, Medak Dist- 502307, INDIA
Phone Number	+91 8455 224700/224701
Fax Number	+91 8455 224705
E-Mail	chemininfo@itwchemin.com

2. COMPOSITION/INFORMATION ON THE COMPONENTS

No Hazardous components as per OSHA'S HAZARD COMMUNICATION STANDARD 29CFR 1910.1200

Component Name	CAS#	Concentration	Exposure Limits	R-Phrase
Solvent refined base oil	64742-01-04	>60%	Not established	
Lithium soap	Mixture	15-25%		
Additives	Mixture	5-15%		

3. HAZARD IDENTIFICATION

Main Hazards	No significant hazard.
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4. FIRST AID MEASURES

SYMPTOMS

ACTIONS

Eye contact	May be Mild irritation at the site of contact.	Wash immediately with plenty of soap and water
Skin contact	May be Irritation and redness	Bathe the eye with running water for 15 minutes. Consult a doctor
Ingestion	May be irritation of throat	Wash out mouth with water
Inhalation	May be coughing and sore throat.	Remove causality from exposure ensuring one's own safety whilst doing so.

5. FIRE FIGHTING MEASURES

Extinguishing Media	Use foam, dry chemical or carbon dioxide.
Unsuitable Extinguishing Media	Do not use water jet.
Special Hazards of Product	This product may give rise to hazardous fumes in a fire.
Protective Equipment for Fire-Fighting	Wear self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Material can create slippery conditions underfoot.
Environmental Precautions	Try to prevent the material from entering drains or rivers.
Spillages	Contain and absorb using earth, sand or other inert material. Transfer into suitable containers for recovery or disposal. Finally flush area with plenty of water.

7. HANDLING AND STORAGE

Handling	Keep away from heat, sparks and flame.
Storage	Storage temperature should be controlled to between 5 and 45 °C.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Control Measures	Exposure to this material may be controlled in a number of ways. The measures appropriate for a particular worksite depend on how the material is used and on the potential for exposure. Use of the basic principles of Industrial Hygiene will enable this material to be used safely.
Respiratory Protection	Respiratory protection not normally required.
Hand Protection	Wearing impervious protective gloves made from neoprene, nitrile or n-butyl rubber can minimize skin contact. Use a good quality water-soluble barrier cream.
Eye Protection	Chemical goggles if there is a risk of eye contact.
Body Protection	Normal work wear.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Thick paste.
Color	Amber to brown
Odor	No characteristic odor.
pH	Not applicable
Boiling Range/Point (°C)	> 230 deg C
Flash Point (PMCC) (°C)	> 190
Solubility in Water	Not soluble
Density	Less than 1 (measured as kg/liter)
Auto-flammability (°C)	Above 200.
Viscosity (CSt)	Thick paste NLGI GRADE-2

10. STABILITY AND REACTIVITY

Stability	Stable under normal conditions.
Conditions to Avoid	High temperatures.
Materials to Avoid	Strong oxidizing agents. Strong acids.
Hazardous Decomposition Products	combustion will generate: Carbon dioxide and carbon monoxide vapors.

11. TOXICOLOGICAL INFORMATION

Routes of exposure	Refer to section 4 of SDS for routes of exposure and corresponding symptoms
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12. ECOLOGICAL INFORMATION

Mobility	Non-volatile absorbed only slowly in to soil.
Persistence/Degradability	Not Known

13. DISPOSAL

Product Disposal	Dispose of in a regulated landfill site or other method for hazardous or toxic wastes.
Container Disposal	Labels should not be removed from containers until they have been cleaned. Dispose of containers with care. Do not incinerate closed containers.

14. TRANSPORT INFORMATION

ADR/RID	UN no: -
	Shipping name: " NOT SUBJECT TO ADR"
IMDG/ IMO	UN no: -
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IATA/ICAO	UN no: -
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15. REGULATORY INFORMATION

Hazard Symbols	No significant Hazard
Risk phrases	None
Safety phrases	None
Note	The regulatory information given above only indicates the principle regulations specifically applicable to the product described in the safety data sheet. The users attention is drawn to the possible existence of additional provisions, which complete these regulations. Refer to all applicable national and local regulations or provisions.

16. OTHER INFORMATION

Other information	Industrial Grease
HMIS RATING	Health: 0 Reactivity: 0 Flammability: 1
Risk phrases used in s.2	
Legal disclaimer	The above information is believed to be correct but does not purport to be all-inclusive and shall be only used as guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

Ref no: EZ/02; Rev Date: April, 2008; Previous Revision – August, 2006

MATERIAL SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Trade Name	EZ- 602 HS-3 EZ- 602 RP-3 EZ- 602 HL-3 EZ -602 - 3
Manufacturer/Supplier	ITW Chemin, ITW INDIA LIMITED
Address	Plot No: 34-37, Phase- 2, IDA, APIIC, Pashammylaram, Medak Dist- 502307, INDIA
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3. HAZARD IDENTIFICATION

Main Hazards	No significant hazard.
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4. FIRST AID MEASURES

SYMPTOMS

ACTIONS

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Skin contact	May be Irritation and redness	Bathe the eye with running water for 15 minutes. Consult a doctor
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Unsuitable Extinguishing Media	Do not use water jet.
Special Hazards of Product	This product may give rise to hazardous fumes in a fire.
Protective Equipment for Fire-Fighting	Wear self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Material can create slippery conditions underfoot.
Environmental Precautions	Try to prevent the material from entering drains or rivers.
Spillages	Contain and absorb using earth, sand or other inert material. Transfer into suitable containers for recovery or disposal. Finally flush area with plenty of water.

7. HANDLING AND STORAGE

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Physical State	Thick paste.
Color	Amber to brown
Odor	No characteristic odor.
pH	Not applicable
Boiling Range/Point (°C)	> 230 deg C
Flash Point (PMCC) (°C)	> 190
Solubility in Water	Not soluble
Density	Less than 1 (measured as kg/liter)
Auto-flammability (°C)	Above 200.
Viscosity (CSt)	Thick paste NLGI GRADE-3

10. STABILITY AND REACTIVITY

Stability	Stable under normal conditions.
Conditions to Avoid	High temperatures.
Materials to Avoid	Strong oxidizing agents. Strong acids.
Hazardous Decomposition Products	combustion will generate: Carbon dioxide and carbon monoxide vapors.

11. TOXICOLOGICAL INFORMATION

Routes of exposure	Refer to section 4 of SDS for routes of exposure and corresponding symptoms
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12. ECOLOGICAL INFORMATION

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Persistence/Degradability	Not Known

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Ref no: EZ/01; Rev Date: April, 2008; Previous Revision – August, 2006