Page: 1/15

Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by Regulation (EU) No. 453/2010

SAFETY DATA SHEET Leather Primer LRC36

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Product name

: Leather Primer LRC36

Product code	:	LRC36
Product description	:	Aqueous polyurethane resin
Product type	:	liquid
Other means of identification	:	Not available.

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses
Product for treatment of leather and other flexible material by spraying, rolling, brushing, dipping or pouring.

1.3 Details of the supplier of the safety data sheet

Restorers Limited Unit 22 Argyle Street Factory Estate Hull, East Yorkshire, HU3 1HD England Telephone: 44 (0) 1482 606864 Telefax: Email: info@leatherrepaircompany.com

1.4 Emergency telephone number

NATIONAAL VERGIFTIGINGEN INFORMATIE CTR.

Telephone number	:	44 (0) 1482 606864 07:30 – 16:30 (NB: ONLY HEALTH PROFESSIONALS)
<u>Supplier</u>		
Telephone number	:	Not available.
Hours of operation	:	Not available.
Information limitations	:	Not available.

Page: 2/15

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Product definition : Mixture

<u>Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]</u> Not classified.

The product is not classified as hazardous according to Regulation (EC) 1272/2008 as amended. See Section 16 for the full text of the R phrases or H statements declared above. See Section 11 for more detailed information on health effects and symptoms.

2.2 Label elements

Signal word	:	No signal word.
Hazard statements	:	No known significant effects or critical hazards.

Precautionary statements

General Prevention Response Storage Disposal	:	Not applicable. Not applicable. Not applicable. Not applicable. Not applicable.
Supplemental label elements	:	Contains 1,2-benzisothiazol-3(2H)-one, May produce an allergic reaction. Safety data sheet available on request.
Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles	:	Not applicable.
Special packaging requirements		
Containers to be fitted with child-resistant fastenings	:	Not applicable.
Tactile warning of danger	:	Not applicable.
2.3 Other hazards		
Substance meets the criteria for PBT according to Regulation (EC) No. 1907/2006, Annex XIII	:	Not applicable.

05.06.2016

Substance meets the criteria for : Not applicable.

Page: 3/15

vPvB according to Regulation (EC) No. 1907/2006, Annex XIII

Other hazards which do not result in classification

None known.

:

SECTION 3: Composition/information on ingredients

3.2 Mixtures	: M	ixture
Ingredient	CAS number	%
water	7732-18-5 75-80	%
Polyurethane polymer		15-20 %

There are no ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment, are PBTs, vPvBs or Substances of equivalent concern, or have been assigned a workplace exposure limit and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

SECTION 4: First aid measures

4.1 Description of first aid measures

Eye contact	:	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
Inhalation	:	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
Skin contact	:	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
Ingestion	:	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
Protection of first-aiders	:	No action shall be taken involving any personal risk or without suitable training.

4.2 Most important symptoms and effects, both acute and delayed

Potential acute health effe	<u>ects</u>
Eye contact	: No known significant effects or critical hazards.
Inhalation	: Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.
Skin contact	: No known significant effects or critical hazards.
Ingestion	: No known significant effects or critical hazards.

Version: 3.0

Page:4/15

Over-exposure signs/symptoms

Eye contact	:	No specific data.
Inhalation	:	No specific data.
Skin contact	:	No specific data.
Ingestion	:	No specific data.

4.3 Indication of any immediate medical attention and special treatment needed

Notes to physician	:	In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under
Specific treatments	:	medical surveillance for 48 hours. No specific treatment.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media Unsuitable extinguishing media	:	Use an extinguishing agent suitable for the surrounding fire. None known.
5.2 Special hazards arising from the	subs	tance or mixture
Hazards from the substance or mixture Hazardous thermal decomposition products	:	In a fire or if heated, a pressure increase will occur and the container may burst. Decomposition products may include the following materials: carbon dioxide carbon monoxide nitrogen oxides
5.3 Advice for firefighters		
Special protective actions for fire-fighters	:	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
Special protective equipment for fire-fighters	:	Fire-fighters should wear appropriate protective equipment and self- contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
Additional information	:	Not available.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures Version: 3.0 Date of issue/Date of revision: 05.06.2016 Date of previous issue:

Page: 5/15

For non-emergency personnel	:	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.	
For emergency responders	:	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".	
6.2 Environmental precautions	:	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).	
6.3 Methods and materials for containment and cleaning up			
Small spill	:	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water- insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.	
Large spill	:	Stop leak if without risk. Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations. Dispose of via a licensed waste disposal contractor.	
6.4 Reference to other sections	:	See Section 1 for emergency contact information. See Section 8 for information on appropriate personal protective equipment. See Section 13 for additional waste treatment information.	

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Protective measures	:	Put on appropriate personal protective equipment (see Section 8).
Advice on general occupational	:	Eating, drinking and smoking should be prohibited in areas where
hygiene		this material is handled, stored and processed. Workers should wash
		hands and face before eating, drinking and smoking. Remove
		contaminated clothing and protective equipment before entering
		eating areas. See also Section 8 for additional information on hygiene
		measures.

7.2 Conditions for safe storage, including any incompatibilities

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment

Page:6/15

to avoid environmental contamination. Keep from freezing. Stir before use.

Seveso Directive - Reporting thresholds

Named substances

Name	Notification and MAPP threshold	Safety report threshold
acetone	2.500 t	25.000 t
formaldehyde	5 t	50 t

7.3 Specific end use(s)

Recommendations	:	Not available.
Industrial sector specific	:	Not available.
solutions		

SECTION 8: Exposure controls/personal protection

:

8.1 Control parameters

<u>Occupational exposure limits</u> No exposure limit value known.

Recommended monitoring procedures

If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to monitoring standards, such as the following: European Standard EN 689 (Workplace atmospheres - Guidance for the assessment of exposure by inhalation to chemical agents for comparison with limit values and measurement strategy) European Standard EN 14042 (Workplace atmospheres - Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents) European Standard EN 482 (Workplace atmospheres - General requirements for the performance of procedures for the measurement of chemical agents) Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

DNELs/DMELs

No DNELs/DMELs available.

PNECs

No PNECs available.

Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by Regulation (EU) No. 453/2010

Leather Primer LRC36

8.2 Exposure controls

Appropriate engineering controls	:	Good general ventilation should be sufficient to control worker exposure to airborne contaminants.
Individual protection measures		
Hygiene measures	:	Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.
Eye/face protection	:	Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.
Skin protection		
Hand protection	:	Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.
Body protection	:	Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
Other skin protection	:	Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
Respiratory protection	:	Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.
Environmental exposure controls	:	Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties.

Appearance

Page:8/15

Physical state	:	liquid
Color	:	Yellow.
Odor	:	Characteristic.
Odor threshold	:	Not available.
рН	:	8 - 9
Melting point/freezing point	:	Not available.
Initial boiling point and boiling range	:	100 °C
Flash point	:	Not applicable.
Evaporation rate	:	Not available.
Flammability (solid, gas)	:	Not available.
Upper/lower flammability or	:	Lower: Not available.
explosive limits		Upper: Not available.
Vapor pressure	:	Not available.
Vapor density	:	Not available.
Relative density	:	1 @ 20 °C
Solubility(ies)	:	Miscible in water.
Partition coefficient: n- octanol/water	:	Not available.
Auto-ignition temperature	:	Not available.
Decomposition temperature	:	Not available.
Viscosity	:	Dynamic: Not available.
		Kinematic: Not available.
Explosive properties	:	Not available.
Oxidizing properties	:	Not available.
VOC (w/w): (2004/42/EC)	:	0,47 % (w/w)
Definition according to EU Direct at 101.3 kPa	ive 20)04/42/EC: all organic compounds with a boilingpoint of < 250 $^\circ\mathrm{C}$

9.2 Other information

No additional information.

SECTION 10: Stability and reactivity

10.1 Reactivity	:	Not considered to be reactive according to our database.
10.2 Chemical stability	:	The product is stable.
10.3 Possibility of hazardous reactions	:	Under normal conditions of storage and use, hazardous reactions will not occur.
10.4 Conditions to avoid	:	No specific data.

Page:9/15

10.5 Incompatible materials	:	No incompatible product according to our database.
10.6 Hazardous decomposition products	:	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity		
Conclusion/Summary	:	Not available.
Acute toxicity estimates		
Not available.		
Irritation/Corrosion		
Conclusion/Summary		
Skin	:	Not available.
Eyes	:	Not available.
Respiratory	:	Not available.
Sensitization		
Conclusion/Summary		
Skin	:	Not available.
Respiratory	:	Not available.
<u>Mutagenicity</u>		
Conclusion/Summary	:	Not available.
Carcinogenicity		
Conclusion/Summary	:	Not available.
<u>Reproductive toxicity</u>		
Conclusion/Summary	:	Not available.
<u>Teratogenicity</u>		
Conclusion/Summary	:	Not available.
Specific target organ toxicity (si Not available.	ingle exp	<u>osure)</u>
rot available.		

Page: 10/15

<u>Specific target organ toxicity (repeated exposure)</u> Not available.				
Aspiration hazard Not available.				
Information on the likely routes of exposure	:	Not available.		
Potential acute health effects				
Eye contact	:	No known significant effects or critical hazards.		
Inhalation	:	Exposure to decomposition products may cause a health hazard.		
Skin contact	:	Serious effects may be delayed following exposure. No known significant effects or critical hazards.		
Ingestion	:	No known significant effects or critical hazards.		
Symptoms related to the physical, cl	hemi	cal and toxicological characteristics		
Eye contact	:	No specific data.		
Inhalation Skin contact	:	No specific data.		
Ingestion	:	No specific data. No specific data.		
8		1		
Delayed and immediate effects and a	lso cl	hronic effects from short and long term exposure		
Delayed and immediate effects and a Short term exposure	<u>lso c</u> l	hronic effects from short and long term exposure		
Short term exposure				
<u>Short term exposure</u> Potential immediate effects	lso cl			
Short term exposure		Not available.		
<u>Short term exposure</u> Potential immediate effects		Not available.		
<u>Short term exposure</u> Potential immediate effects Potential delayed effects		Not available.		
<u>Short term exposure</u> Potential immediate effects Potential delayed effects <u>Long term exposure</u>	:	Not available. Not available.		
<u>Short term exposure</u> Potential immediate effects Potential delayed effects <u>Long term exposure</u> Potential immediate effects	:	Not available. Not available. Not available.		
<u>Short term exposure</u> Potential immediate effects Potential delayed effects <u>Long term exposure</u> Potential immediate effects Potential delayed effects	:	Not available. Not available. Not available.		
Short term exposurePotential immediate effectsPotential delayed effectsLong term exposurePotential immediate effectsPotential delayed effectsPotential delayed effects		Not available. Not available. Not available. Not available.		
Short term exposurePotential immediate effectsPotential delayed effectsLong term exposurePotential immediate effectsPotential delayed effectsPotential chronic health effectsConclusion/Summary		Not available. Not available. Not available. Not available. Not available. No known significant effects or critical hazards. No known significant effects or critical hazards.		
Short term exposure Potential immediate effects Potential delayed effects Long term exposure Potential immediate effects Potential delayed effects Potential delayed effects Potential chronic health effects Conclusion/Summary General Carcinogenicity Mutagenicity	:::::::::::::::::::::::::::::::::::::::	Not available. Not available. Not available. Not available. Not available. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards.		
Short term exposure Potential immediate effects Potential delayed effects Long term exposure Potential immediate effects Potential delayed effects Potential delayed effects Potential chronic health effects Conclusion/Summary General Carcinogenicity Mutagenicity Teratogenicity	::	Not available. Not available. Not available. Not available. Not available. No known significant effects or critical hazards. No known significant effects or critical hazards.		
Short term exposure Potential immediate effects Potential delayed effects Long term exposure Potential immediate effects Potential delayed effects Potential delayed effects Potential chronic health effects Conclusion/Summary General Carcinogenicity Mutagenicity	::	Not available. Not available. Not available. Not available. Not available. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards.		

SECTION 12: Ecological information

Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by Regulation (EU) No. 453/2010

Leather Primer LRC36

Page:11/15

12.1 Toxicity	
Conclusion/Summary :	Not available.
12.2 Persistence and degradability	
Conclusion/Summary :	Not available.
12.3 Bioaccumulative potential Not available.	
12.4 Mobility in soil	
Soil/water partition coefficient : (KOC)	Not available.
Mobility :	Not available.
12.5 Results of PBT and vPvB assessment	
PBT :	P: Not available. B: Not available. T: Not available.
vPvB :	vP: Not available. vB: Not available.
12.6 Other adverse effects :	No known significant effects or critical hazards. No known significant effects or critical hazards.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product

Methods of disposal	:	The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction.
Hazardous waste	:	Within the present knowledge of the supplier, this product is not regarded as hazardous waste, as defined by EU Directive 91/689/EEC.

Page: 12/15

Packaging

Methods of disposal	:	The generation of waste should be avoided or minimized wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.
Special precautions	:	This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil,

waterways, drains and sewers.

SECTION 14: Transport information

	ADR/RID	ADN	IMDG	ΙΑΤΑ
14.1 UN number	Not available.	Not available.	Not available.	Not available.
14.2 UN proper shipping name	Not regulated.	Not regulated.	Not regulated.	Not regulated.
14.3 Transport hazard class(es)	-	-	-	-
14.4 Packing group	-	-	-	-
14.5. Environmental hazards	No.	No.	No.	No.
Additional information	<u>Special provisions</u> : - <u>Tunnel code: -</u>	-	Marine pollutant: No.	-

14.6 Special precautions for user

Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

:

Not available.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

EU Regulation (EC) No. 1907/2006 (REACH)

Annex XIV - List of substances subject to authorization

<u>Annex XIV</u>: None of the components are listed.

Page: 13/15

Substances of very high concern: None of the components are listed.

:

Annex XVII - Restrictions on : Not applicable. the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles

Other EU regulations

Europe inventory	:	Not determined.
Integrated pollution prevention	:	Not listed
and control list (IPPC) - Air		
Integrated pollution prevention	:	Not listed
and control list (IPPC) - Water		

Aerosol dispensers

Seveso Directive

This product is controlled under the Seveso Directive.

Named substances

Name		
acetone		
formaldehyde		

National regulations

International regulations

Chemical Weapon Convention List Schedules I, II & III Chemicals

<u>Chemical Weapons Convention List Schedule I Chemicals</u> None of the components are listed.

<u>Chemical Weapons Convention List Schedule II Chemicals</u> None of the components are listed.

<u>Chemical Weapons Convention List Schedule III Chemicals</u> None of the components are listed.

Montreal Protocol (Annexes A, B, C, E)

None of the components are listed.

Stockholm Convention on Persistent Organic Pollutants

Annex A - Elimination - Production

Page: 14/15

None of the components are listed.

Annex A - Elimination - Use

None of the components are listed.

Annex B - Restriction - Production

None of the components are listed.

Annex B - Restriction - Use

None of the components are listed.

Annex C - Unintentional - Production

None of the components are listed.

Rotterdam Convention on Prior Inform Consent (PIC)

None of the components are listed.

UNECE Aarhus Protocol on POPs and Heavy Metals

<u>Heavy metals - Annex 1</u> None of the components are listed.

<u>POPs - Annex 1 - Production</u> None of the components are listed.

<u>POPs - Annex 1 - Use</u> None of the components are listed.

POPs - Annex 2

None of the components are listed.

POPs - Annex 3

None of the components are listed.

15.2 Chemical Safety Assessment : This product contains substances for which Chemical Safety Assessments are still required.

SECTION 16: Other information

Page: 15/15

vPvB = Very Persistent and Very Bioaccumulative

Procedure used to derive the classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Classification				Justification
Not classified.				
Full text of abbreviated H statements	:	Not applic	cable.	
Full text of classifications [CLP/GHS]	:	Not applicable.		
Date of printing	:	11.09.2017		
Date of issue/ Date of revision	:	05.06.2016		
Date of previous issue	:			
Version	:	3.0		

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