

SAFETY DATA SHEET

Heat Cured Compounds (All colours)

Prepared according to U.S. OSHA, CMA, ANSI, Canadian WHMIS, Australian WorkSafe, Japanese Industrial Standard JISZ7250:2000, and European Union Reach Regulation, Directives 67/548/EC & 1999/45/EC and CLP Regulation 1272/2008/EC

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

1.1 Trade Name (as labeled):	Heat Cured Compounds Base Filler (All colours)
Product Number:	LRC45 (All Colours)
CAS No:	Mixture
1.2 Product Use:	Leather/Vinyl repair
1.3 Company Name:	Restorers Limited.
Company Address:	Unit 22 Argyle Street Factory Estate
Company Address Cont:	Hull, East Yorkshire, HU3 1HD, England.
Business Phone:	44 (0) 1482 606864
1.4 Emergency Telephone Number:	44 (0) 1482 606864
Date of Current Revision:	July 17, 2020
Date of Last Revision:	New

SECTION 2 - HAZARD IDENTIFICATION

EMERGENCY OVERVIEW: This product is a semi-paste or paste with a slight odor. Colour varies based on pigment
Health Hazards: Contact with the skin may cause irritation. May be harmful if inhaled.
Flammability Hazards: This product is not flammable with a flash point 464°F (240°C).
Reactivity Hazards: None.
Environmental Hazards: Release may cause immediate adverse environmental effects.

US DOT Symbols:



EU and GHS Symbols:



Signal Word:

Warning

2.1 CLASSIFICATION OF SUBSTANCE OR MIXTURE IN ACCORDANCE WITH 29 CFR 1200 (OSHA HCS) AND THE EUROPEAN UNION DIRECTIVES:

This product does meet the definition of a hazardous substance or preparation as defined by 29 CFR 1910. 1200 or the European Union Council Directives 67/548/EEC, 1999/45/EC, 1272/2008/EC and subsequent Directives.

EU HAZARD CLASSIFICATION OF INGREDIENTS PER DIRECTIVE 1272/2008/EC:

Index Number:

Mixture 370CX18272 CAS# not available (self-classified by manufacturer)

EC# 236-675-5 This substance is not classified in the Annex VI

EC# 601-216-3 This substance is not classified in the Annex VI

EC# 215-609-9 This substance is not classified in the Annex VI

Substances not listed either individually or in group entries must be self-classified.

Components Contributing to Classification:

All Components

2.2 Label Elements:

GHS Hazard Classifications:	Acute Toxicity Category 4 (Inhalation) Skin Irritation Category 3 Acute Aquatic Toxicity Category 1
Hazard Statements:	H332 Harmful if inhaled H316 Causes mild skin irritation H400 Very toxic to aquatic life
Precautionary Statements:	P261 Avoid breathing dust/fume/gas/mist/vapours/spray. P271 Use only outdoors or in a well-ventilated area. P273 Avoid release to the environment
Response Statements:	P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P312: Call a POISON CENTER/Doctor if you feel unwell. P332+P313 If skin irritation occurs: Get medical advice / attention. P391 Collect spillage.
Storage Statements:	None Applicable
Disposal Statements:	P501 Dispose of contents/container in accordance to local/regional/national/international regulations.

2.3 Health Hazards or Risks From Exposure:**Symptoms of Overexposure by Route of Exposure:**

The most significant routes of overexposure for this product are by contact with the respiratory system and skin. The symptoms of overexposure are described in the following paragraphs.

Acute:

Inhalation: Mist and spray may cause respiratory tract irritation.

Skin Contact: Prolonged skin contact may cause irritation.

Eye Contact: Direct contact to the eyes may be irritating.

Ingestion: Expected to be a low ingestion hazard.

Chronic: None known

Target Organs:

Acute: Skin, Eyes, Respiratory System

Chronic: None known

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Ingredients:	WT%	CAS No.	EINECS No.	Hazard Classification
370CX18272	≤ 100	Not Available	Not Available	Acute Toxicity Cat 4 (Inhalation), Acute Aquatic Tox. Cat 1
Titanium Dioxide	0 - 3.2	13463-67-7	236-675-5	Eye Irrit. Cat 2, Carc. Cat 2
Silica	0 - 1.3	112945-52-5	601-216-3	Eye Irrit. Cat 2, Skin Irrit. Cat 2, STOT SE 3 (Resp. Irrit.)
Carbon Black	0 – 1.1	1333-86-4	215-609-9	Eye Irrit. Cat 2, Carc. Cat 2
Balance of other ingredients are non-hazardous or less than 1% in concentration (or 0.1% for carcinogens, reproductive toxins, or respiratory sensitizers).				

SECTION 4 - FIRST AID MEASURES**4.1 Description of First Aid Measures:****Eye Contact:**

If product enters the eyes, flush with plenty of water or eye wash solution for several minutes. Remove contacts if present and easy to do. Seek medical attention if irritation persists.

Skin Contact:

Wash skin thoroughly with soap and water after handling. Seek medical attention if irritation develops and persists.

Inhalation:

If breathing becomes difficult, remove victim to fresh air. If necessary, use artificial respiration to support vital functions. Seek medical attention.

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Ingestion:

If product is swallowed, call physician or poison center immediately. If professional advice is not available, do not induce vomiting. Never induce vomiting or give diluents (milk or water) to someone who is unconscious, having convulsions, or who cannot swallow. Seek medical advice. Take a copy of the label and/or SDS with the victim to the health professional.

Medical Conditions Generally Aggravated by Exposure:

Pre-existing skin, respiratory system or eye problems may be aggravated by prolonged contact.

4.2 Symptoms and Effects Both Acute and Delayed:

Exposure to skin may cause irritation.

4.3 Recommendations to Physicians:

Treat symptoms and eliminate overexposure.

SECTION 5 - FIRE FIGHTING MEASURES

5.1 Fire Extinguishing Materials:

Use the following fire extinguishing materials:

Water Spray: Yes
Foam: Yes
Halon: Yes

Carbon Dioxide: Yes
Dry Chemical: Yes
Other: Any "C" Class

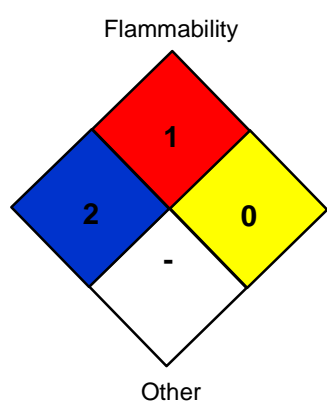






5.2 Unusual Fire and Explosion Hazards:

Irritating and toxic fumes may be produced at high temperatures.

Explosive Sensitivity to Mechanical Impact: No
Explosive Sensitivity to Static Discharge: No

- Incipient fire responders should wear eye protection.
- Structural firefighters must wear Self-Contained Breathing Apparatus (SCBA) and full protective equipment.
- Isolate materials not yet involved in the fire and protect personnel. Move containers from fire area if this can be done without risk; otherwise, cool with carefully applied water spray.
- If possible, prevent run-off water from entering storm drains, bodies of water, or other environmentally sensitive areas.

5.3 Special Fire-Fighting Procedures:

<p>NFPA RATING SYSTEM</p>  <p style="text-align: center;">Flammability</p> <p style="text-align: center;">Health Reactivity</p> <p style="text-align: center;">Other</p>	<p>HMIS RATING SYSTEM HAZARDOUS MATERIAL IDENTIFICATION SYSTEM</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="background-color: #00aaff; color: white; padding: 5px;">HEALTH HAZARD (BLUE)</td> <td style="text-align: center; padding: 5px;">2</td> </tr> <tr> <td style="background-color: #ff0000; color: white; padding: 5px;">FLAMMABILITY HAZARD (RED)</td> <td style="text-align: center; padding: 5px;">1</td> </tr> <tr> <td style="background-color: #ffff00; padding: 5px;">PHYSICAL HAZARD (YELLOW)</td> <td style="text-align: center; padding: 5px;">0</td> </tr> </table> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th colspan="4">PROTECTIVE EQUIPMENT</th> </tr> <tr> <th style="width: 25%;">EYES</th> <th style="width: 25%;">RESPIRATORY</th> <th style="width: 25%;">HANDS</th> <th style="width: 25%;">BODY</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;"></td> <td style="text-align: center;">See Sect 8</td> <td style="text-align: center;"></td> <td style="text-align: center;">See Sect 8</td> </tr> </tbody> </table> <p style="text-align: center; font-size: small;">For Routine Industrial Use and Handling Applications</p>	HEALTH HAZARD (BLUE)	2	FLAMMABILITY HAZARD (RED)	1	PHYSICAL HAZARD (YELLOW)	0	PROTECTIVE EQUIPMENT				EYES	RESPIRATORY	HANDS	BODY		See Sect 8		See Sect 8
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	See Sect 8		See Sect 8																
<p>Hazard Scale: 0 = Minimum 1 = Slight 2 = Moderate 3 = Serious 4 = Severe * = Chronic Hazard</p>																			

SECTION 6 - ACCIDENTAL RELEASE MEASURES (STEPS FOR SPILLS)

6.1 Personal Precautions, Protective Equipment and Emergency Procedures:

Use cautious judgment when cleaning up spill. Wear suitable protective clothing, gloves, and eye/face protection.

6.2 Environmental Precautions:

Construct a dike to prevent spreading. Keep out of sewers, storm drains, surface waters, and soils.

6.3 Spill and Leak Response:**Small Spills:**

- Collect material via broom or mop. Place in tightly sealed containers for proper disposal.
- Approach spill areas with caution.
- If liquid was introduced, create a dike or trench to contain material. Soak up with absorbent material such as clay, sand or other suitable non-reactive material.

Large Spills:

- Place in leak-proof containers. Seal tightly for proper disposal.
- Dispose of in accordance with U.S. Federal, State, and local hazardous waste disposal regulations and those of Canada and its Provinces, those of Australia, Japan and EU Member States (see Section 13, Disposal Considerations).

SECTION 7 - HANDLING AND STORAGE**7.1 Precautions for Safe Handling:**

To prevent eye contact under the foreseeable conditions of use, wear appropriate safety eyewear. When handling, do not eat, drink, or smoke. Wash thoroughly after handling. Do not handle or store near heat, sparks, or flame.

7.2 Storage and Handling Practices:

Keep away from incompatible materials. Keep container closed when not in use and store in well ventilated area.

7.3 Specific Uses:

See section 1.2.

SECTION 8 - EXPOSURE CONTROL/PERSONAL PROTECTION**8.1 Exposure Parameters:**

Ingredients	CAS No.	OSHA PEL	NIOSH PEL
370CX18272	Not Available	Not Listed	Not Listed
Titanium Dioxide	13463-67-7	15 mg/m ³	15 mg/m ³
Silica	112945-52-5	80 mg/m ³	6 mg/m ³
Carbon Black	1333-86-4	3.5 mg/m ³	3.5 mg/m ³

8.2 Exposure Controls:**Ventilation and Engineering Controls:**

Use with adequate ventilation to ensure exposure levels are maintained below the limits provided above.

The following information on appropriate Personal Protective Equipment is provided to assist employers in complying with OSHA regulations found in 29 CFR Subpart I (beginning at 1910.132), or standards of EU member states (including EN 149 for respiratory PPE, and EN 166 for face/eye protection), and those of Japan. Please reference applicable regulations and standards for relevant details.

Respiratory Protection:

Not required for properly ventilated areas.

Maintain airborne contaminant concentrations below guidelines listed above, if applicable. If necessary, use only respiratory protection authorized in the U.S. Federal OSHA Respiratory Protection Standard (29 CFR 1910.134), equivalent U.S. State standards, Canadian CSA Standard Z94.4-93, the European Standard EN149, or EU member states.

Eye Protection:

Safety glasses or goggles are recommended.

If necessary, refer to U.S. OSHA 29 CFR 1910.133, Canadian Standards, and the European Standard EN166, Australian Standards, or relevant Japanese Standards.

Hand Protection:

Chemical resistant gloves are recommended to prevent skin contact.

If necessary, refer to U.S. OSHA 29 CFR 1910.138, the European Standard DIN EN 374, the appropriate Standards of Canada, Australian Standards, or relevant Japanese Standards.

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Body Protection:

Use body protect appropriate to task being performed.
If necessary, refer to appropriate Standards of Canada, or appropriate Standards of the EU, Australian Standards, or relevant Japanese Standards. If a hazard of injury to the feet exists due to falling objects, rolling objects, where objects may pierce the soles of the feet or where employee's feet may be exposed to electrical hazards, use foot protection, as described in U.S. OSHA 29 CFR 1910.136.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on Basic Physical and Chemical Properties:

Appearance (Physical State and Colour): Simi-paste or paste, colour varies based on pigment.

Odor: Slight

Odor Threshold: No data available

pH: No data available

Melting/Freezing Point: -54.4°F (-48°C) (estimated)

Boiling Point: No data available

Flash Point: 464°F (240°C) (estimated)

Evaporation Rate: No data available

Flammability (Solid; Gas): Not applicable

Upper/Lower Flammability or Explosion Limits: No data available

Vapor Pressure (mm Hg @ 20°C (68° F): 0.000001 hPa (estimated)

Vapor Density: No data available

Relative Density: No data available

Specific Gravity: 1.18 (estimated)

Solubility in Water: No data available

Weight per Gallon: No data available

Partition Coefficient (n-octanol/water): No data available

Auto-Ignition Temperature: 707°F (375°C) (estimated)

Decomposition Temperature: No data available

Viscosity: No data available

9.2 Other Information:

No data available

SECTION 10 - STABILITY AND REACTIVITY

10.1 Reactivity:

This product is not reactive.

10.2 Stability:

Stable under conditions of normal storage and use.

10.3 Possibility of Hazardous Reactions:

Will not occur.

10.4 Conditions to Avoid:

Avoid excessive temperatures and contact with incompatibles.

10.5 Incompatible Substances:

Strong oxidizing agents.

10.6 Hazardous Decomposition Products:

No hazardous decomposition products are known.

SECTION 11 - TOXICOLOGICAL INFORMATION

11.1 Information on Toxicological Effects:

Toxicity Data:

No data available.

Suspected Cancer Agent:

Ingredients within this product are found on one or more of the following lists: FEDERAL OSHA Z LIST, NTP, IARC, or CAL/OSHA and therefore are considered to be cancer-causing agents by these agencies.

Titanium Dioxide – CAS# 13463-67-7

Carbon Black – CAS# 1333-86-4

Irritancy:

This product is considered a skin irritant.

Sensitization to the Product:

This product is not expected to cause skin sensitization.

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Germ Cell Mutagenicity:	This product does not contain ingredients that are suspected to be a germ cell mutagenic.
Reproductive Toxicity:	This product is not expected to be a human reproductive toxicant.
Specific Target Organ Toxicity –Single Exposure:	May be harmful if inhaled.
Specific Target Organ Toxicity – Repeated Exposure:	No data available.
Aspiration Hazard:	Not expected to be an aspiration hazard.

SECTION 12 - ECOLOGICAL INFORMATION

12.1 Toxicity:	No specific data available on this product
12.2 Persistence and Degradability:	No specific data available on this product.
12.3 Bioaccumulative Potential:	No specific data available on this product.
12.4 Mobility in Soil:	No specific data available on this product.
12.5 Results of PBT and vPvB Assessment:	No specific data available on this product.
12.6 Other Adverse Effects:	No data available
12.7 Water Endangerment Class:	At present, there are no ecotoxicological assessments for this product.

SECTION 13 - DISPOSAL CONSIDERATIONS

13.1 Waste Treatment Methods:	Waste disposal must be in accordance with appropriate U.S. Federal, State, and local regulations, those of Australia, EU Member States and Japan.
13.2 EU Waste Code:	Not determined

SECTION 14 - TRANSPORTATION INFORMATION

14.1 U.S. Department of Transportation (DOT) Shipping Regulations:

This product is classified (per 49 CFR 172.101) by the U.S. Department of Transportation, as follows.

UN Identification Number:	UN3082
Proper Shipping Name:	Environmentally hazardous substances, Liquid, N.O.S
Hazard Class Number and Description:	Class 9, Environmentally Hazardous Substances
Packing Group:	III
DOT Label(s) Required:	Environmentally Hazardous Substances
North American Emergency Response Guidebook Number:	171

14.2 Environmental Hazards:

Marine Pollutant: The components of this product are designated by the Department of Transportation to be Marine Pollutants (49 CFR 172.101, Appendix B).

14.3 Special Precaution for User:

None

14.4 International Air Transport Association Shipping Information (IATA):

Environmentally hazardous substances, Liquid, N.O.S

14.5 International Maritime Organization Shipping Information (IMO):

Environmentally hazardous substances, Liquid, N.O.S

SECTION 15 - REGULATORY INFORMATION

15.1 Safety, Health and Environmental Regulations Specific for the Substance or Mixture:

United States Regulations:

U.S. SARA Reporting Requirements:

The components of this product are not subject to the reporting requirements of Sections 302, 304, and 313 of Title III of the Superfund Amendments and Reauthorization Act.

U.S. SARA 311/312:

Acute Health: Yes; Chronic Health: No; Fire: No; Reactivity: No

U.S. SARA 313:

None

U.S. CERCLA Reportable Quantity:

None

U.S. TSCA Inventory Status:

The components of this product are listed on the TSCA Inventory or are exempted from listing.

Other U.S. Federal Regulations:

None known

California Safe Drinking Water and Toxic Enforcement Act (Proposition 65):



WARNING This product can expose you to chemicals such as Carbon Black and Titanium Dioxide which are known to the State of California as a cancer hazard if in respirable form. For more information, go to WWW.P65Warning.ca.gov.

15.2 Canadian Regulations:

Canadian DSL/NDSL Inventory Status:

Components are DSL Listed, NDSL Listed and/or are exempt from listing

Other Canadian Regulations:

Not applicable

Canadian Environmental Protection Act (CEPA) Priorities Substances Lists:

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all of the information required by those regulations.

Canadian WHMIS Classification and Symbols:

Classified per WHMIS 2015 Controlled Product Regulations.

15.3 European Economic Community Information:

This product does meet the definition of a hazardous substance or preparation as defined by the European Union Council Directives 67/548/EEC, 1999/45/EC, 1272/2008/EC and subsequent Directives. See Section 2 for Details.

Chemical Safety Assessment:

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

15.4 Australian Information for Product:

Components of this product are listed on the International Chemical Inventory list.

15.5 Japanese Information for Product:

Japanese Minister of International Trade and Industry (MITI) Status: The components of this product are not listed as Class I specified Chemical Substances, Class II Specified Chemical Substances, or Designated Chemical Substances by the Japanese MITI.

15.6 International Chemical Inventories:

Listing of the components on individual country Chemical Inventories is as follows:

Australian Inventory of Chemical Substances (AICS): Listed

Korean Existing Chemicals List (ECL): Listed

Japanese Existing National Inventory of Chemical Substances (ENCS): Listed

Philippines Inventory of Chemicals and Chemical Substances (PICCS): Listed

U.S. TSCA: Listed

SECTION 16 - ADDITIONAL INFORMATION

Date of Printing: July 17, 2020

The information contained herein is believed to be accurate but is not warranted to be so. Data and calculations are based on information furnished by the manufacturer of the product and manufacturers of the components of the product. Users are advised to confirm in advance of the need that information is current, applicable and suited to the circumstances of use. This safety sheet cannot cover all possible situations which the user may experience during processing. Each aspect of your operation should be examined to determine if, or where, additional precautions may be necessary. All health and safety information contained in this bulletin should be provided to your employees or customers. Restorers Limited assumes no responsibility for injury to vendee or third party person proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, Restorers Limited assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed. Compliance with all applicable federal, state, and local laws and local regulations remains the responsibility of the user.

END OF SDS SHEET