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LIQUID FIBERGLASS RUBBING COMPOUND & COLOR RESTORER

1. IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY/UNDERTAKING

Product identifier: Liquid Fiberglass Rubbing Compound & Color Restorer
Identified uses: Liquid Rubbing Compound.
Nome del produttore: Life Industries Corporation – SUD CAROLINA (USA)
Details of the supplier of the safety data sheet:
Cecchi Gustavo & C. srl - Via M. Coppino 253, 55049 Viareggio (LUCCA) ITALY
www.cecchi.it - info@cecchi.it
Emergency telephone Number::
+39 0584/383694 hour office 8.30-12.30, 14.00-18.30 from Monday to Friday

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

2.1.1 Classification:

Classification in according to EU CLP 1272/2008
Hazard classes/Hazard categories Hazard statement
Flam. Liq. 3 H226
Asp. Tox. 1 H304
For full text of H- phrases: see section 2.2.

Classification in according to DPD

Hazards characteristics	R-Phrases
-	R10
Xn	*R65*

For full text of R- phrases: see section 16.

2.1.2 The most important adverse effects

2.1.2.1 The most important adverse physicochemical effects:
Flammable liquid and vapour
2.1.2.1 The most important adverse physicochemical effects:
Flammable liquid and vapour.
2.1.2.2 The most important adverse human health effects:
May be fatal if swallowed and enters airways
2.1.2.3 The most important adverse environmental effects:
Not available.

2.2 Label elements

Hazard Pictograms:

Signal Word(S): Danger
Hazard Statement:
H226: Flammable liquid and vapour.
H304: May be fatal if swallowed and enters airways

Precautionary Statement:
P210: Keep away from heat/sparks/open flames/hot surfaces. — No smoking.
P233: Keep container tightly closed.
P240: Ground/bond container and receiving equipment.
P241: Use explosion-proof electrical/ventilating/lighting/…/equipment.
P242: Use only non-sparking tools.
P243: Take precautionary measures against static discharge.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P301 + P310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P303 + P361 + P353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P331: Do NOT induce vomiting. P370 + P378: In case of fire: Use … for extinction.
P403 + P235: Store in a well-ventilated place. Keep cool.
P405: Store locked up.
P501: Dispose of contents/container to …

2.3 Other hazards
In use, may form flammable / explosive vapour-air mixture.

3. COMPOSITION/INFORMATION ON INGREDIENTS
Substance/Mixture: Mixture
Ingredient(s):
- Solvent naphtha (petroleum), medium aliph <13%
CAS 64742-88-7
EC 265-191-7
Classification H304

- Kerosine (petroleum) <9 %
CAS 8008-20-6
EC 232-366-4
Classification H304

- morpholine < 0.05%
CAS 110-91-8
EC 203-815-1
Classification H226、H332 . H312、H302 , H314

4. FIRST AID MEASURES
4.1.1 In case of inhalation:
Remove person to fresh air. If not breathing, give artificial respiration. If breathing is difficult, get immediate medical attention.
4.1.2 In case of skin contact:
Wash contaminated skin with mild soap and water for 15 minutes. If irritation persists or signs of toxicity occur, seek medical attention.
4.1.3 In case of eyes contact:
Flush eyes with water for at least 15 minutes while holding eyelids open. Obtain medical attention.
4.1.4 In case of ingestion:
Do not induce vomiting. Guard against aspiration into lungs by having the individual turn on to their left side. Do not give anything by mouth to an unconscious person. Get immediate medical attention. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs.
4.2 Most important symptoms and effects, both acute and delayed
May be fatal if swallowed and enters airways.
4.3 Indication of any immediate medical attention and special treatment needed
Immediately call a POISON CENTER or doctor/physician.

5. FIRE-FIGHTING MEASURES

5.1 Extinguishing media:
Suitable extinguishing media: Use DRY chemicals, CO2, alcohol foam or water spray.
Unsuitable extinguishing media: Not available.

5.2 Special hazards arising from the substance or mixture
Combustible. Vapour forms a flammable / explosive mixture with air between upper and lower flammable limits.

5.3 Advice for fire-fighters:
Fire fighters should wear full protective clothing, including self-contained breathing equipment.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:
Refer to section 8 of SDS for personal protection details.

6.2 Environmental precautions:
Spills or releases should be reported, if required to the appropriate local, state and federal agencies.

6.3 Methods for containment and cleaning up:
Eliminate all ignition sources. Handling equipment must be grounded. Isolate hazard area and restrict access. Try to work upwind of spill. Avoid direct contact with material. Wear appropriate breathing apparatus (if applicable) and protective clothing. Stop leak only if safe to do so. Dike and contain land spills; contain water spills by booming. Use water fog to knock down vapours; contain runoff. For large spills, remove by mechanical means and place in appropriate containers for disposal. Absorb residue or small spills with absorbent material and remove to non-leaking containers for disposal. Flush area with water to remove trace residue.

6.4 Reference to other sections:
Refer to section 8 of the SDS.

6.5 Additional information:
Not available.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling:
7.1.1 Protective measures:
Hot surfaces may be sufficient to ignite liquid even in the absence of sparks or flames. Vapours may accumulate and travel to distant ignition sources and flashback. Empty containers may contain hazardous product residues. Extinguish pilot lights, cigarettes and turn off other sources of ignition prior to use and until all vapours are gone. Do not pressurize drum containers to empty them. Air-dry contaminated clothing in a well ventilated area before laundering. Avoid breathing vapours and prolonged or repeated contact with skin. Launder contaminated clothing prior to reuse.

7.1.2 Advice on general occupational hygiene:
Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Remove contaminated clothing and protective equipment before entering eating areas.

7.2 Conditions for safe storage, including any incompatibilities:
Store in a cool, dry, well ventilated area, away from heat and ignition sources. Use explosion-proof ventilation to prevent vapour accumulation.

7.3 Specific end use(s):
Not available.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

8.1 Control parameters:
8.1.1 Occupational exposure limits: Not available.
8.1.2 Additional exposure limits under the conditions of use: Not available.
8.1.3 DNEL/DMEL and PNEC-Values: Not available.

8.2 Exposure controls
8.2.1Appropriate engineering controls:

Electrical and mechanical equipment should be explosion proof. Concentrations in air should be maintained below lower explosive limit at all times or below the recommended threshold limit value if unprotected personnel are involved. Local ventilation recommended where mechanical ventilation is ineffective in controlling airborne concentrations below the recommended occupational exposure limit. For personnel entry into confined spaces (i.e. bulk storage tanks) a proper confined space entry procedure must be followed including ventilation and testing of tank atmosphere. Make up air should always be supplied to balance air exhausted (either generally or locally).

8.2.2 Individual protection measures, such as personal protective equipment:
Eye/face protection: Chemical safety goggles and/or full face shield to protect eyes and face, if product is handled such that it could be splashed into eyes. Other Personal Protection Data: Ensure that eyewash stations and safety showers are proximal to the work-station location.
Hand protection: Impervious gloves.
Body protection: In confined spaces or where the risk of skin exposure is much higher, impervious clothing should be worn.
Respiratory protection: If exposure exceeds occupational exposure limits, use an appropriate NIOSH-approved respirator. Use a NIOSH approved chemical cartridge respirator with organic vapour cartridges or use a NIOSH approved supplied-air respirator. For high airbourne concentrations, use a NIOSH -approved supplied-air respirator, either self-contained or airline breathing apparatus, operated in positive pressure mode.
8.2.3 Environmental exposure controls:
Avoid discharge into the environment.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance:	Slightly Viscous Emulsion
Colour:	Off-White
Odour:	Hydrocarbon odor
Odour threshold:	No data available
pH:	7.5-9.1
Melting point/range :	No data available
Boiling point/range (°C) :	172°C / 342 °F
Flash point (°C) :	43 °C / 109 °F（Tag Closed Cup）
Evaporation rate:	Slower than ether; stratifies
Flammability (solid, gas);	No data available
Ignition temperature (°C) :	No data available
Upper/lower flammability/explosive limits:	Lower: 0.8 Upper: 5
Vapour pressure (25°C) :	4.5 mm Hg @ 20℃
Vapour density:	Heavier than air
Density (15°C):	0.75 -0.86 g/cm•（CAS64742-88-7）
Water solubility (g/l):	Forms emulsion
n-Octanol/Water (log Po/w) :	No data available
Auto-ignition temperature:	210 °C / 444 °F
Decomposition temperature:	No data available
Viscosity, dynamic (20 °C) :	No data available

9.2 Physical hazards:

Not classified.

9.3 Other information:

Fat solubility(solvent– oil to be specified) etc	Not available
Bulk Density:(20℃)	Not data available
Dissociation constant in water(pKa):	Not available
Oxidation-reduction Potential:	Not available
Surface tension:	No data available

10. STABILITY AND RELIABILITY

10.1 Reactivity:
Stable under recommended transport or storage conditions.
10.2 Chemical stability:
Stable under normal temperatures and pressures.
10.3 Possibility of hazardous reactions:
No dangerous reactions known.
10.4 Conditions to avoid:
Incompatible materials. Avoid excessive heat, open flames and all ignition sources.
10.5 Incompatible materials:
Oxidizing agents.
10.6 Hazardous decomposition products:

11. TOXICOLOGICAL INFORMATION

11.1 Toxicokinetics, metabolism and distribution
Not available.
11.2 Information on toxicological effects
Acute toxicity:
LD50 (Oral, Rat): > 5000 mg/kg bw（CAS64742-88-7）
LD50 (Dermal Rabbit): > 2000 mg/kg bw（CAS64742-88-7）
LC50 (Inhalation, Rat): > 5.28 mg/L air (analytical)（CAS64742-88-7）
Skin corrosion/Irritation: No data available.
Serious eye damage/irritation: No data available.
Respiratory or skin sensitization: No data available.
Germ cell mutagenicity: No data available.
Carcinogenicity: No data available.
Reproductive toxicity: No data available.
STOT- single exposure: No data available.
STOT-repeated exposure: No data available.
Aspiration hazard: May be fatal if swallowed and enters airways.

12. ECOLOGICAL INFORMATION

Toxicity: ***Acute toxicity***	***Time***	***Species***	***Method***	***Evaluation***	***Remarks***	
LC50	N/A	48h	Fish	OECD 203	N/A	N/A
EC50	N/A	48h	Daphnia	OECD 202	N/A	N/A
EC50	N/A	72h	Algae	OECD 201	N/A	N/A

Persistence and degradability: No data available.
Bioaccumulative potential: No data available.
Mobility in soil: No data available.
Results of PBT&vPvB assessment: No data available.
Other adverse effects: No data available.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods
Contact a licensed professional waste disposal service. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Contaminated packing must be emptied of all residues and, following appropriate cleaning, may be sent to a recycling plant. Uncleaned packaging must be disposed of in the same manner.

14. TRANSPORT INFORMATION

	Land transport (ADR/RID)	***Sea transport (IMDG)***	***Air transport (ICAO/IATA)***
UN-Number:	1268	1268	1268
UN Proper shipping name:	Petroleum distillates, N.o.s. Or petroleum Products, n.o.s.	Petroleum distillates, N.o.s. Or petroleum Products, n.o.s.	Petroleum distillates, N.o.s. Or petroleum Products, n.o.s.
Transport hazard Class:	3	3	3
Packaging group:	III	III	III
Environmental hazards:	NO	NO	NO
Special precautions for user:	See section 2.2	See section 2.2	See section 2.2
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	IBC03	IBC03	IBC03

15. REGULATORY INFORMATION

5.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
Relevant regulations: No data available.
Chemical Safety Assessment Carried Out NO

16. OTHER INFORMATION

16.1 Indication of changes
Version 2.1 amended by EU No 453/2010
16.2 Relevant R- phrases (number and full text):
R10 Flammable.
R65 Harmful: may cause lung damage if swallowed
16.3 Legal Disclaimer:
The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The company shall not