RFGREEN®

CPC-54 - SAFETY DATA

2025/05

CPC-54
Shielding Paint

IDENTIFICATION OF THE MIXTURES AND OF THE COMPANY

PRODUCT IDENTIFIER - CPC-54BRAND
RELEVANT IDENTIFIED USES OF THE MIXTURE
Electrically conductive priming coats and accessory products.
RELEVANT IDENTIFIED USES ADVISED AGAINST
There are no information about relevant identified uses of the product, which are advised against.
DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET
LBA Technology
3400 Tupper Dr.
Greenville, NC 27834

HAZARDS IDENTIFICATION

CLASSIFICATION OF THE SUBSTANCE OR MIXTURE DIRECTIVE 67/548/EEC OR 1999/45/EC AND REGULATION (EC) NO 1272/2008 (GHS)
None.
LABEL ELEMENTS
None.
OTHER HAZARDS
None
ADDITIONAL INFORMATION
This products are not dangerous concerning the regulation (EC) No. 1272/2008 (CLP) or the directive 1999/45/EC

COMPOSITION, INGREDIENTS

SUBSTANCES

INGREDIENT	CAS	PROP.
Water	7732-18-5	0-70 %
Graphite	7782-42-5	0-40 %
Carbon Black	1333-86-4	0-10 %
Carbon fibers	7440-44-0	0-10 %
Potassium silicate	1312-76-1	0-50%
Acrylic dispersion		0-40%
Additives		0-5%
Preservative	2634-33-5 (BIT) 13463-41-7 (INN) 2682-20-4 (MIT)	< 200 ppm

MIXTURES
This products are a mixture.
OTHER MEANS OF IDENTIFICATION
Not available.
HAZARDOUS COMPONENTS
Not applicable. This products does not contain any components classified for health hazards above the relevant cut off value.

FIRST AID MEASURES

GENERAL
In all cases of doubt, or when symptoms persist, seek medical attention. Immediately remove all contaminated clothing.
AFTER INHALATION
When symptoms persists, take the casualty into the fresh air and keep warm. Call a doctor, should the air passages be affected.
AFTER SKIN CONTACT
Wash away with soap and water and rinse. Do NOT use solvents or thinners. Take off immediately all contaminated clothes.
AFTER EYE CONTACT
Remove contact lenses, keep eyelids open. Rinse open eye immediately with plenty of running water. Seek medical advice if complaint continues.
AFTER INGESTION
Keep at rest. Do not induce vomiting. Drink water in small drought. When swallowed immediately consult and show packing or label to physician.
MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED
No further relevant information available.
INDICATION OF ANY MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED
None.

FIREFIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA
This products are not flammable. In case of a fire extinguish surroundings as indicated.
UNSUITABLE EXTINGUISHING MEDIA
None known.
SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE
Fire will produce dense black smoke. Exposure to decomposition products may cause a health hazard.
ADVICE FOR FIREFIGHTERS
Appropriate breathing apparatus may be required.

ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES
Refer to protective measures listed in sections 7 and 8. The product produced in combination with water slippery surfaces.
ENVIRONMENTAL PRECAUTIONS
Do not empty into drains. If the product contaminates lakes, rivers or sewages, inform appropriate authorities in accordance with local regulations. Holding polluted washing water back and disposing of duly.
METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP
Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations (see section 13). Remove residue by rinsing thoroughly with water. Thoroughly clean contaminated objects and floors and observe environmental regulations.
REFERENCE TO OTHER SECTIONS
None.

HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING
No special measures necessary in the case of regulation storage and handling. Ensure a good ventilation in room and working area. Comply with the health and safety at work laws. Phrase P102: Keep out of reach of children. Phrase P103: Read label before use.
CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES
This products are not flammable. Store in accordance with local regulations.
HINTS ON STORAGE ASSEMBLY
Keep away from: Alkali (lye), acid, oxidizing agent. Storage class : 12.
FURTHER INFORMATION ON STORAGE CONDITIONS
Observe label and technical data sheet precautions. Keep only in the original container in a cool, well-ventilated place. Protect against Heat. Frost. Containers which are opened must be carefully resealed and kept upright to prevent leakage.
SPECIFIC END USE(S)
Basic coatings interior and exterior.

EXPOSURE CONTROLS, PERSONAL PROTECTION

CONTROL PARAMETERS, OCCUPATIONAL EXPOSURE LIMIT VALUES
Informations on occupational exposure to RCP-method TRGS 900 (D). Limit value type (country of origin) : TRGS 900 (D). Limit value: Not relevant.
PERSONAL PROTECTIVE EQUIPMENT
Avoid contact with eyes and skin. Immediately remove all contaminated clothing. Do not eat or drink during work - no smoking. Wash hands before breaks and after work.
RESPIRATORY PROTECTION
Breathing protection equipment is not required at brush or roll application. Do not breathe spray. By spraying: Use filter mask P2 (white).
HAND PROTECTION
At use as agreed a protective gloves from nitrile rubber with a material thickness 0.4 mm has to be used. Notes of the manufacturer have to be taken into account. Penetration time of the glove material: >= 8 h. By longer or repeated contact the penetration times can be considerably shorter. The protective gloves should replaced after the first wear out or a damage of the gloves. Gloves of cotton should be used under the gloves of polychloropren or nitrile rubber. After washing hands replace lost skin fat by fat containing skin creams.
EYE PROTECTION
Use protection glasses in case of spattering.
BODY PROTECTION
Using protective clothing. If the product must sprayed, use aprotective clothing.
ENVIRONMENTAL EXPOSURE CONTROLS
See chapter 7. No additional measures necessary.

PHYSICAL AND CHEMICAL PROPERTIES

INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES APPEARANCE
Form: Liquid to pasty.
ODOR
Characteristic.
ODOUR THRESHOLD
Not determined.
RELEVANT SAFETY DATA
Boiling temperature: Not applicable.
Flash point: Not applicable.
Ignition temperature: Not applicable.
Vapor pressure: Not determined.
Density: See technical data sheet.
Solvent separation test: Not applicable.
Solvent content in all products: 0 %.
pH value: All products: 8; HSF64, HSF74: 12.
Viscosity: Liquid to pasty, see technical data sheet.
VOC value: See technical data sheet, max. 0.2 g/l.
OTHER INFORMATION
None.

STABILITY AND REACTIVITY

REACTIVITY
No dangers connected by a possible reactivity of the product are known to proper handling and storage.
CHEMICAL STABILITY
Stable under recommended storage and handling conditions (see Handling & Storage).
POSSIBILITY OF HAZARDOUS REACTIONS
No dangerous reactions are known if stored and handled correctly.
CONDITIONS TO AVOID
Keep away from frost, heat and direct sunlight.
INCOMPATIBLE MATERIALS
No dangerous reaction known. Keep away from oxidizing agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.

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HAZARDOUS DECOMPOSITION PRODUCTS
No dangerous decomposition product are known if stored and handled correctly. When exposed to high temperatures or in case of fire hazardous decomposition products such as carbon dioxide, carbon monoxide, smoke, nitric oxides or thick, black smoke may produced.
TOXICOLOGICAL INFORMATION
Toxicological data are not available. The classification was carried out according to the calculation method of the Preparations Directive (1999/45/EC).
INFORMATION ON TOXICOLOGICAL EFFECTS, ACUTE EFFECTS
Acute oral toxicity: None.
Acute dermal toxicity: None.
Acute inhalation toxicity: None.
SENSITIZATION
Not sensitizing.
REPEATED DOSE TOXICITY (SUBACUTE, SUBCHRONIC, CHRONIC)
Toxicological data are not available.
CMR EFFECTS (CARCINOGENICITY, MUTAGENICITY AND TOXICITY FOR REPRODUCTION)
Carcinogenicity: No data.
Germ cell mutagenicity/Genotoxicity: No data.
Reproductive toxicity: No data.

ECOLOGICAL INFORMATION

TOXICITY
Acute or chronic damages to water organisms by the product in the aquatic environment are not expecting.
PERSISTENCE AND DEGRADABILITY
These are not data available.
BIOACCUMULATIVE POTENTIAL
These are not data available.
MOBILITY IN SOIL
These are not data available.
RESULTS OF PBT AND VPVB ASSESSMENT
These are not data available.
OTHER ADVERSE EFFECTS
These are not data available.
ADDITIONAL ECOLOGICAL INFORMATION
Avoid exposing into ground, waterways and drainage. The product is evaluated according the method of 1999/45/EC and is not classified as harmful for the environment bus contents components witch are harmful for the environment. See sections 2 and 3 for details.

DISPOSAL CONSIDERATIONS

WASTE TREATMENT METHODS
Packaging with not dry uped residues have to dropped at official collecting sites. Do not empty into waters or drains. Packaging with dry uped residues can be disposed together with household garbage or building site garbage.
WASTE KEY
Disposal-definition No. (AVV-Code): 08 01 12 Paint and varnish waste with the exception of the ones who come under 08 01 11 *.
CONTAMINATED PACKAGING
Contaminated packaging 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 as the medium.

TRANSPORT INFORMATION

UN NUMBER
No dangerous good in sense of this transport regulation.
UN PROPER SHIPPING NAME
No dangerous good in sense of this transport regulation.
TRANSPORT HAZARD CLASS(ES)
No dangerous good in sense of this transport regulation.
PACKING GROUP
No dangerous good in sense of this transport regulation.
ENVIRONMENTAL HAZARDS
No dangerous good in sense of this transport regulation.
SPECIAL PRECAUTIONS FOR USER
None.

REGULATORY INFORMATION

TSCA STATUS
We certify that all chemical substances in this products comply with all applicable rules or orders under TSCA and that we are not offering a chemical substance for entry in violation of TSCA or any applicable rule or order thereunder.
SAFETY, HEALTH A ND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE
EU legislation. Regulation (EC) No. 2037/2000 concerning materials, which cause damage to the ozone layer: Not applicable. Directive 96/82/EC for danger control following severe accidents with dangerous substances: Not subject to 96/82/EC.
OTHER REGULATIONS (EU)
Information according to 1999/13/EC about limitation of emissions of volatile organic compounds(VOC-guideline): VOC-value (in g/l) : max. 0.2
NATIONAL REGULATIONS
Restrictions of occupation: None, if handled according to order. Major Accidents Ordinance: Not subject to StörfallVO.
WATER HAZARD CLASS (WGK)
Class : 1 (Slightly hazardous to water) Classification according to VwVwS.
VOC-REGULATION
VOC limit value step II (g/l), ready-to-use condition: 30. Maximum VOC content (g/l) of the product in a ready to use condition: max. 0.2
ADDITIONAL INFORMATION
Giscode : M-DF01.
CHEMICAL SAFETY ASSESSMENT
Chemical safety assessments for substances in this preparation were not carried out.

FURTHER INFORMATION

INDICATION OF CHANGES
None.
ABBREVIATIONS AND ACRONYMS
None.
KEY LITERATURE REFERENCES AND SOURCES FOR DATA
Directive 67/548/EEC respectively 1999/45/EC in the current version. Regulation (EC) No. 1907/2006 (REACH), 1272/2008 (CLP) in the current version. Classification for mixtures and used evaluation method according to regulation (EC) 1207/2008 [CLP] Transport regulations according ADR, RID, IMDG, IATA in the current version.
CLASSIFICATION FOR MIXTURES AND USED EVALUATION METHOD ACCORDING TO REGULATION (EC) 1207/2008 [CLP] / CLASSIFICATION ACCORDING TO REGULATION (EC) NO. 1272/2008 [CLP]
None.
RELEVANT R-, H- AND EUH-PHRASES (NUMBER AND FULL TEXT)
None.
TRAINING ADVICE
None.

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material. It is temporarily possible, that products which have not been sold out of stock have a different label on the packaging compared with the safety data sheets. We appreciate your understanding. The information in the safety data sheet does not guarantee any Product properties and does not establish any contractual legal relationship. The product may only be used in accordance with sections 1 and 7 on this safety data sheet and it has to be used as described on the label and the technical data sheet.