



ALLCOAT Leak Repair

Material Safety Data Sheet

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1. Substance / Preparation & Company ID

Chemical Name of Preparation:	ALLCOAT Leak Repair
Company Name and Address:	ALLCOAT Limited, Unit 8A, Ascot Drive, Lustrum Industrial Estate, Portrack, Stockton-on-Tees, TS18 2QQ
Telephone Number:	03300 228830

2. Hazards Identification

Indication of Danger:	Dangerous to the environment. Flammable.
Risk Phrases:	R10 Flammable R51/53 Toxic to aquatic organisms. May cause long term adverse effects in the aquatic environment. R64 May cause harm to breastfed babies. R66 Repeated exposure may cause skin dryness or cracking.
Other Hazards:	Closed containers exposed to heat from fire may build pressure and explode. Vapours may travel long distance along the ground or floor to an ignition source and flash back.

3. Composition / Information on Ingredients

Ingredient	CAS No.	EU Inventory	% by weight	Classification
Non hazardous ingredients	Mixture		40-50%	
2-methoxy-1-methylethyl acetate	108-65-6	EINECS 203-603-9	20-25%	R10 (EU)
Naptha (petroleum), hydride-sulpharised heavy	64742-82-1	EINECS 265-185-4	10-20%	Xn; R65- Note 4, H, P (EU) N; R51/53; R10 (Vendor) R66; R67
Alkanes, C14-7, chloro	85535-85-9	EINECS 287-477-0	1-10%	N; R50/53; R64; R66 (EU)
Talc	14807-96-6	EINECS 238-877-9	1-10%	
Titanium dioxide	13463-67-7	EINECS 236-675-5	1-5%	
Quaternary ammonium compounds, bis (hydrogenated tallow alkyl) dimethyl, salts with bentonite	68953-58-2	EINECS 273-21904	1-5%	
Quartz	14808-60-7	EINECS 238-878-4	< 1%	Xn: R48/20 (Vendor)
Octhilinone	26530-20-1	EINECS 247-761-7	< 0.05%	T: R23-24; C: R34; Xn: R22; N: R50/53; R43 (EU)

Please see section 16 for the full text of any risk phrases referred to under heading 2 and 3 of this MSDS.

Please refer to section 15 for any applicable notes that have been applied to the above components.

4. First Aid Measures

The following first aid recommendations are based on an assumption that appropriate personal and industrial hygiene practices are followed.

Inhalation:	Remove person to fresh air. If signs / symptoms develop, get medical attention.
Skin Contact:	Remove contaminated clothing and shoes. Immediately flush skin with large amounts of water. Get medical attention. Wash contaminated clothing and clean shoes before reuse.
Eye Contact:	Flush eyes with large amounts of water. If signs / symptoms persist, get medical attention.
Ingestion:	Do not induce vomiting unless instructed to do so by medical personnel. Give victim two glasses of water. Never give anything by mouth to an unconscious person. Get medical attention.

5. Fire Fighting Measures

Extinguishing Media:	Use fire extinguishers with class B extinguishing agents (e.g. dry chemical, carbon dioxide)
Special Exposure Hazards:	Combustible liquid and vapour. Closed containers exposed to heat from fire may build pressure and explode. Vapours may travel long distances along the ground or floor to an ignition source and flash back
Advice for Fire Fighters:	Water may not effectively extinguish fire, however, it should be used to keep fire exposed containers and surfaces cool and prevent explosive rupture. Water may be used to blanket fire. Wear full protective equipment and a self contained breathing apparatus.

6. Accidental Release Measures

Personal Precautions:	Evacuate unprotected and untrained personnel from hazard area. The spill should be cleaned up by a qualified personnel. Remove all ignition sources such as flames, smoking materials, and electrical spark sources. Use only non sparking tools. Ventilate the area with fresh air. For large spill, or spills in confined spaces, provide mechanical ventilation to disperse or exhaust vapours, in accordance with good industrial hygiene practice. Warning: A motor could be an ignition source and could cause flammable gasses or vapours in the spill area to burn or explode. Avoid contact with water. Remember, adding an absorbent material does not remove a toxic, corrosivity or flammability hazard.
Environmental Procedures:	For larger spills, cover drains and build dykes to prevent entry into sewer systems or bodies of water. Place in a metal container approved for transportation by appropriate authorities. Dispose of collected material as soon as possible.
Methods For Cleaning Up:	Refer to other sections of this Safety Data Sheet for information regarding physical and health hazards, respiratory protection, ventilation, and personal protective equipment. Contain spill. Cover spill area with a fire –extinguishing foam. An aqueous film forming foam (AFFF) is recommended. Working from around the edges of the spill inward, cover with bentonite, vermiculite, or commercially available inorganic absorbent material. Mix in sufficient absorbent until it appears dry. Collect as much of the spilled material as possible using non-sparking tools. Clean up residue with an appropriate solvent selected by a qualified and authorised person. Ventilate the area with fresh air. Read and follow safety precautions on the solvent label and Safety Data Sheet. Seal the container.

7. Handling & Storage

Storage:	Store away from heat. Store out of direct sunlight. Store away from acids. Store away from oxidising agents. Store at temperatures between 5 - 32°C.
Handling:	Keep out of the reach of children. For industrial or professional use only. Avoid inhalation of vapours, mists or spray. Avoid contact with skin. Avoid eye contact with vapours, mists or spray. Do not eat, drink or smoke when using this product. Wash exposed areas thoroughly with soap and water. Keep away from heat, sparks, open flame, pilot lights and other sources of ignition. Ground containers securely when transferring contents. Wear low static or properly grounded shoes. No smoking while handling this material. Avoid contact with oxidising agents.

8. Exposure Controls

Exposure Limit Values

Ingredient	Agency	Limit type	Additional Comments
2-methoxy-1-Methylethyl acetate	H & S Comm (UK)	TWA:274mg/m ³ (50ppm); STEL:548 Mg/m ³ (100ppm)	Skin notation
Talc	H & S Comm (UK)	TWA (as respirable Dust):1mg/m ³	
Titanium dioxide	H & S Comm (UK)	TWA (Inhalable):10 Mg/m ³ ; TWA (respirable) 4mg/m ³	

TWA – Time-Weighted-Average

STEL – Short Term Exposure Limited

PPM – Parts per million

Mg/m³ - milligrams per cubic metre

CEIL – Ceiling

Engineering Measures:	Occupational Exposure Controls Use general dilution ventilation / and or local exhaust ventilation to control airborne exposures to below Occupational Exposure Limits and / or control mist, vapour, or spray. If ventilation is not adequate, use respiratory protection equipment.
Respiratory Equipment:	Avoid inhalation of vapours, mists or spray. Select one of the following approved respirators based on airborne concentration of contaminants and in accordance with regulations: Half face piece or full face air purifying respirator with organic vapour cartridges and P2 particle pre-*filters.
Hand Protection:	Gloves made from the following material (s) are recommended: Butyl rubber / Neoprene
Eye Protection:	Avoid eye contact with vapours, mists or spray. The following eye protection(s) are recommended: Safety glasses with side shields Indirect vented goggles
Skin Protection:	Avoid skin contact. Select and use gloves and / or protective clothing to prevent skin contact base on the results of an exposure assessment. Consult with your glove and / or protective clothing manufacturer for selection of appropriate compatible materials.
Ingestion:	Do not eat, drink or smoke when using this product. Wash exposed areas thoroughly with soap and water.
Environmental Exposure Controls:	No data Available.

9. Physical and Chemical Properties

pH:	No data available	Boiling Point / Range:	> = 150°C
Melting Point:	Not applicable	Flammability:	Not available
Explosive Properties:	Not determined	Oxidising Properties:	Not determined
Flash Point:	> 38°C [Test method: Closed Cup]	Flammable Limits - LEL:	No data available
Flammable Limits - UEL:	No data available	Vapour Pressure:	414.6 Pa [@ 25°C]
Relative Density:	1.123 (ref Std: WATER = 1)	Water Solubility:	Negligible
Partition Coefficient n-octanol / water :	No data available	Evaporation Rate:	No data available
Evaporation Rate:	No data available	Vapour Density:	No data available
Viscosity:	No data available	Density:	1.123g/ml

Other Information:

Volatile Organic Compounds (VOC):	384g/l (test method: Estimated) (details: EU Definition).
Percent Volatile:	34% by weight.

10. Stability & Reactivity

Stability:	Hazardous polymerisation will not occur.	
Conditions to Avoid:	Temperatures above the boiling point. Heat. Sparks and / or flames	
Materials to Avoid:	Alcohols, Combustibles, Reaction with water, alcohols, and amines is not hazardous if container can vent to the atmosphere to prevent pressure build up. Strong acids. Strong oxidising agents	
Hazardous Decomposition Products:	Substance	Condition
	Carbon monoxide	During combustion
	Carbon dioxide	During combustion

11. Toxicological Information

Inhalation:	Respiratory tract irritation: Signs / symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain. May be absorbed following inhalation and cause target organ effects.
Ingestion:	Gastrointestinal irritation: Signs / symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhoea. May be absorbed following ingestion and cause target organ effects.
Eye Contact:	Moderate eye irritation. Signs / symptoms may include redness, swelling, pain, tearing and blurred or hazy vision
Skin Contact:	Moderate skin irritation: Signs / symptoms may include localised redness, swelling, itching and dryness.
Other Health Effects:	Central nervous system (CNS) depression: Signs / symptoms may include headache, dizziness, drowsiness, in coordination, nausea, slowed reaction time, slurred speech, giddiness and unconsciousness.
Reproductive / Developmental Effects:	Contains a chemical or chemicals which may interfere with lactation or be harmful to breastfed children.

12. Ecological Information

No product / component test data available

13. Disposal Considerations

Waste Disposal Methods:	Dispose of waste product in a permitted hazardous waste facility Since regulations vary, consult applicable regulations or authorities before disposal. The coding of a waste stream is based on the application of the product by the consumer. Since this is out of the control of Unique Resins Limited, no waste code(s) for products after use will be provided. Please refer to the European Waste Code (EWC-2000/532/EC and amendments) to assign the correct waste code to your waste stream. Ensure national and / or regional regulations are complied with and always use a licensed waste contractor.
EU Waste Code (product as sold):	08 01 11* Waste paint and varnish containing organic solvents or other dangerous substances.

14. Transport Information

GR-2001-0490-3	
ADR / RID	UN1263, Paint related material, limited quantity, 3, III, (D/E) Environmentally hazardous, ADR classification code: F1:
IMDG-Code	UN1263, Paint related material, (Alkanes, C14-17, Chloro) 3, III, Limited quantity EMS, FE. SE
ICOA / IATA	UN1263, Paint related material, 3, III

15. Regulatory Information

Symbols:	N Dangerous to the environment
Contains:	No ingredients are assigned to the label.
Risk Phrases:	R10 Flammable R51/53 Toxic to aquatic organisms. May cause long term adverse effects in the aquatic environment. R64 May cause harm to breastfed babies R66 Repeated exposure may cause skin dryness or cracking
Safety Phrases:	S23C Do not breathe vapour or spray S51 Use only in well ventilated areas S24 Avoid contact with skin S62 If swallowed, do not induce vomiting: Seek medical advice immediately and show this container or label S61 Avoid release to the environment. Refer to special instructions / safety data sheets

Special Provisions Concerning the Labelling of Certain Substances

Notes on Labelling:	R65 is not required on the label due to the products viscosity. Note P applied to CAS# 64742-82-1
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16. Legislation and Other Information

This Safety Data Sheet supersedes all safety data sheets with issue dates prior to this one which have been produced and distributed in respect of this product.

User Notes:	This product is intended for use for the applications set out in the Technical Data Sheet only. The information set out in this Safety DATA SHEET must be made available to all personnel who use or who may be exposed to this product.
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Revision Comments:	This SAFETY DATA SHEET supersedes all safety data sheets with issue dates prior to this one which have been produced and distributed in respect of this product.
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R-Phrases:	R10 Flammable R20 Harmful by inhalation R21 Harmful in contact with skin R22 Harmful if swallowed R23 Toxic by inhalation R24 Toxic in contact with skin R34 Causes burns R36 Irritating to eyes R38 Irritating to skin R43 May cause sensitisation by skin contact R45 May cause cancer R46 May cause heritable genetic damage R48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation R50/53 Very toxic to aquatic organisms. May cause long term adverse effects in the aquatic environment. R51/53 Toxic to aquatic organisms. May cause long term adverse effects in the aquatic environment R52/53 Harmful to aquatic organisms. May cause long term adverse effects in the aquatic environment R64 May cause harm to breastfed babies R65 Harmful: May cause lung damage if swallowed. R66 Repeated exposure may cause skin dryness or cracking R67 Vapours may cause drowsiness and dizziness
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Global Inventory Status:	All applicable chemical ingredients in this material are listed on the European Inventory of Existing Chemical Substances (EINECS), or are exempt polymers whose monomers are listed on EINECS.
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This product / component is for use only as directed in the product data sheet and in accordance with good practice, alternative methods of application must be properly assessed before use. It is the responsibility of the user to carry out any statutory risk assessment associated with the use of this product in a given situation or environment. Due consideration should be given to the impact of the use of this product on others in the vicinity. It is the responsibility of the client to ensure that where risk assessments are being undertaken, this is being done with up to date information. The information in this safety data sheet is indicative of the product and properties and in no way constitutes a specification for sale or warrantee of product properties or fitness for specific application or purpose. This product / component may fall within the scope of the Control of Substances Hazardous to Health Regulations (CoSHH), users are reminded that this document itself does not constitute an assessment under these regulations.