resimac Ltd.

Material Safety Data Sheet

1. Identification of Substance/ Preparation and Company

Product Name: **RESICHEM 508 UVPU ACTIVATOR**

Company: Unit 11, Poplars Industrial Estate, Wetherby Road, Boroughbridge, North Yorkshire, YO51 9HS
Chemical Name & Synonyms: Modified polyurethane resin
For Information: Call on +44 (0) 1423 325073 (9am to 5pm)
In an Emergency: As Above

2. Hazards Identification

Flammable. Harmful by inhalation and in contact with skin. Irritating to skin. May cause sensitization by inhalation and skin contact.
In use, may form flammable/ explosive vapour-air mixture

3. Composition/ Information on Ingredients

Hazardous Components	Cas Number	Percentage	Classification
Aliphatic Polyisocyanate	164250-92-4	30-50%	R43
N-Butyl Acetate	123-86-4	10-30%	R10,R66,R67
Xylene	1330-20-7	1-10%	R10; Xn; R20/R21
2-Methoxy-1-Methylethyl Acetate	108-65-6	1-10%	R10
Ethylbenzene	123-86-4	1-10%	R11; Xn, R20
Hexamethylene-Di-Isocyanate	822-06-0	1%	T; R23, Xi; R36/37/38, Sens; R42/43

4. First Aid Measures *Summon immediate medical assistance after contact with skin, eyes, inhalation or ingestion*

Eye: Flush eyes with plenty of water, seek medical advice
Skin: Remove product and contaminated clothing and wash area with water. There may be irritation and redness at the site of contact
Ingestion: There may be soreness and redness of the mouth and throat, DO NOT INDUCE VOMITING, seek medical attention immediately
Inhalation: There may be irritation of the throat with a feeling of tightness in the chest. Remove patient to fresh air.
First Aiders should protect themselves from exposure (Ref to section 8)

5. Fire Fighting Measures

Extinguishing Media: In case of fire use Water sprays, Dry chemical, CO2 or Alcohol foam
Exposure Hazards: May generate toxic, irritating or flammable combustion products. Forms explosive air-vapour mixture.
Fire Fighting Equipment: Wear Self contained breathing apparatus, rubber boots, gloves and body suit

6. Accidental Release Measures

Personal Precautions: If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorized personnel. Turn leaking containers leak side up to prevent the escape of liquid. Eliminate all sources of ignition.
Environmental Precautions: Do not discharge into drains or rivers. Contain the spillage using bunding
Clean up Procedures: Absorb into dry earth or sand. Transfer to a closeable, labeled salvage container for disposal by an appropriate method. Do not use equipment in clean up procedure which may produce sparks.

7. Handling and Storage

Avoid contact with skin, eyes and clothing. Handle in well ventilated area. Avoid breathing vapours. Wash hands after contact. Keep container tightly closed in a cool, well ventilated area. Keep away from oxidizers, heat or flames. Do not smoke.

8. Exposure Controls/ Personal Protection

N-Butyl Acetate	WEL (8hr TWA): 724 mg/m³	WEL (15min STEL): 966 mg/m³
Xylene	WEL (8hr TWA): 220 mg/m³	WEL (15min STEL): 441 mg/m³
2-Methoxy-1-Methylehtyl Acetate	WEL (8hr TWA): 274 mg/m³	WEL (15min STEL): 548 mg/m³
Ethylbenzene	WEL(8hr TWA): 441mg/m³	WEL (15min STEL): 552mg/m³

Engineering Measures: Ensure there is sufficient ventilation of area. Ensure lighting and electrical equipment are not a source of ignition
Respiratory: Not necessary in well ventilated areas
Ingestion: Not during normal use
Skin Protection: Protective clothing should be worn to avoid skin contact, PVC or Rubber gloves
Eye Protection: Safety Goggles

9. Physical/ Chemical Properties

Appearance:	Amber Fluid	**Odour:**	Aromatic
Viscosity:	Viscous	**Specific Gravity:**	1.035g/cm3 at 20 C
Flammability:	N/D	**Flash Point;**	35 C

10. Stability and Reactivity

Stability;	Stable under normal conditions. Stable at room temperature
Materials to Avoid:	Heat. Hot surfaces. Sources of ignition. Flames
Hazardous Decomposition:	Strong oxidizing agents. Strong acids

11. Toxicological Information

N-Butyl Acetate	ORL MUS LD50 6gm/kg	ORL RAT LD50 10768mg/kg	
Xylene	ORL MUS LD50 2119mg/kg	ORL RAT LD50 4300mg/kg	SCU RAT LD50 1700mg/kg
2-Methoxy-Methylethyl Acetate	IPR MUS LD50 750mg/kg	ORL RAT LD50 8532 mg/kg	
Ethylbenzene	IPR MUS LD50 2624mg/kg	ORL RAT LD50 3500mg/kg	
Hexamethylene-di-isocyanate	IVN MUS LD50 5600mg/kg	ORL MUS LD50 350mg/kg	ORL RAT LD50 710mg/kg

Chronic Toxicity: May cause sensitization by skin contact

12. Ecological Information

Mobility:	Readily absorbed into soil
Persistence and Degradability:	Bio degradable
Bioaccumulative potential:	No bioaccumulation potential
Other adverse effects:	Negligible ecotoxicity

13. Disposal Considerations

Dispose of in accordance with local regulations
Water code number 08-01-11

14. Transport Information

UN No: 1263 **Class:** 3 **P.G:** III **Technical Name:** Paint

15. Regulatory Information

Labelling: flammable (Xi), Harmful (Xn)

R Phrases	(R10)	Flammable
	(R20/21)	Harmful by inhalation and in skin contact
	(R38)	Irritating to skin
	(R42/43)	May cause sensitization by inhalation and skin contact
S Phrases	(S23)	Do not breathe fumes
	(S36/37)	Wear suitable protective clothing, gloves and eye/face protection
	(S45)	In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible)
	(S63)	In case of accident by inhalation, remove casualty to fresh air
	(S42)	During fumigation / spraying wear suitable respiratory equipment

Regulations: All components of this product are listed on the TSCA Inventory or are exempt from listing

16. Other Information

Risk phrases used in Section 3. R43; May cause sensitization by skin contact. R10; Flammable. R20/21; Harmful by inhalation and in contact with skin. R38; Irritating to skin. R66; Repeated exposure may cause skin dryness or cracking. R67; Vapours may cause drowsiness and dizziness. R11; Highly flammable. R20; Harmful by inhalation. R23; Toxic by inhalation. R36/37/38; Irritating to eyes/ skin and respiratory system. R42/43; May cause sensitization by inhalation and skin contact.

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The information contained within this document is furnished without warranty of any kind. Users should consider this data only as a supplement of other information gathered by them and make independent determinations of suitability and completeness of information from all sources to ensure proper use and disposal of these materials and the safety of employees and customers.

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