



SAFETY DATA SHEET

3333 SUPER ADHESIVE Adhesion coat

1. Identification of the preparation and of the company

- Product name and/or code** : 3333 SUPER ADHESIVE Adhesion coat
Product use : Base for 2-component paint.
Manufacturer : Rust-Oleum Netherlands BV, PO. Box 138, NL-4700 AC Roosendaal, The Netherlands
 NV Martin Mathys, Kolenbergstraat 23, B-3545 Zelem, Belgium
Emergency phone: : Rust-Oleum: (+31)165-593636; Fax (+31)165-593600
 Martin Mathys: (+32)13-460200; Fax (+32)13-460201

2. Composition/information on ingredients

Substances presenting a health or environmental hazard within the meaning of the Dangerous Substances Directive 67/548/EEC.

Chemical name*	CAS no.	%	EC nr.	Classification
United Kingdom (UK)				
Aliphatic polyamine adduct		2.5 - 5		Xi; R38
Cyclo-aliphatic polyamine adduct		2.5 - 5		Xi; R38
Polyoxypropylenediamine	9046-10-0	2.5 - 5		Xn; R21/22 C; R34
3-[(6-amino-trimethylhexyl)amino]propionitril	93941-62-9	2.5 - 5	300-511-1	Xn; R22 C; R34 R43
3-Aminomethyl-3,5,5-trimethyl cyclohexylamine	2855-13-2	1 - 2.5	220-666-8	Xn; R21/22 C; R34 R43 R52/53
See section 16 for the full text of the R-phrases declared above				

Occupational exposure limits, if available, are listed in section 8.

3. Hazards identification

The preparation is classified as dangerous according to Directive 1999/45/EC and its amendments.

- Classification** : Xi; R36/38
R43
Human health hazards : Irritating to eyes and skin. May cause sensitization by skin contact.

4. First aid measures

First aid measures

- General** : In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.
- Inhalation** : Remove to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Give nothing by mouth. If unconscious, place in recovery position and seek medical advice.
- Skin contact** : Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water or use recognized skin cleanser. Do not use solvents or thinners.
- Eye contact** : Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open.
- Ingestion** : If swallowed, seek medical advice immediately and show this container or label. Keep person warm and at rest. Do not induce vomiting.

5. Fire-fighting measures

- Extinguishing media** : Recommended: alcohol-resistant foam, CO₂, powders, water spray.
Not to be used : water jet.
- Recommendations** : Fire will produce dense black smoke. Exposure to decomposition products may cause a health hazard. Appropriate breathing apparatus may be required. Cool closed containers exposed to fire with water. Do not release runoff from fire to sewers or waterways.
- Hazardous combustion products** : Decomposition products may include the following materials:
carbon oxides
nitrogen oxides
metal oxide/oxides

6. Accidental release measures

- Personal precautions** : Exclude sources of ignition and ventilate the area. Refer to protective measures listed in sections 7 and 8.
- Spill** : Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see section 13). Do not allow to enter drains or watercourses. Preferably clean with a detergent. Avoid using solvents. If the product contaminates lakes, rivers, or sewers, inform the appropriate authorities in accordance with local regulations.

Note: see section 8 for personal protective equipment and section 13 for waste disposal.

7. Handling and storage

- Handling** : Due to the organic solvents content of the preparation:
- In addition, the product should only be used in areas from which all naked lights and other sources of ignition have been excluded. Electrical equipment should be protected to the appropriate standard.
- Keep container tightly closed. Keep away from heat, sparks and flame.
- Avoid contact with skin and eyes. Avoid the inhalation of dust, particulates, spray or mist arising from the application of this preparation. Avoid inhalation of dust from sanding.
- Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking.
- Put on appropriate personal protective equipment (see section 8).
- Comply with the health and safety at work laws.
- Storage** : Store in accordance with local regulations. Observe label precautions. Do not store below the following temperature: 0°C (32°F). Store in a cool, well-ventilated area away from incompatible materials and ignition sources. Keep away from heat and direct sunlight.
- Due to the organic solvents content of the preparation:
 Keep away from: oxidizing agents, strong alkalis, strong acids.
 No smoking. Prevent unauthorized access. Containers that have been opened must be carefully resealed and kept upright to prevent leakage.
 Do not empty into drains.

8. Exposure controls/personal protection

- Engineering measures** : Provide adequate ventilation. Where reasonably practicable, this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and solvent vapors below the OEL, suitable respiratory protection must be worn.
- Occupational exposure limits** : Not available.
- Exposure controls**
- Occupational exposure controls** : No special ventilation requirements. Good general ventilation should be sufficient to control worker exposure to airborne contaminants.
- Hygiene measures** : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.
- Respiratory protection** : Recommended: When spraying and sanding, suitable respiratory protection must be used: -organic vapor (Type A) and particulate filter (EN 141)
- Hand protection** : >8 hours (breakthrough time): For prolonged or repeated handling, use the following type of gloves: nitrile rubber, neoprene or natural rubber (latex) (EN 374-1)
- Eye protection** : Recommended: safety glasses with side-shields (EN 166).
- Skin protection** : Recommended: overall .
- Environmental exposure controls** : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

Environmental exposure controls

8. Exposure controls/personal protection

Do not allow to enter drains or watercourses.

9. Physical and chemical properties

Physical state	: Liquid.
Odor	: Odorless.
Color	: White.
Boiling point	: >100°C (>212°F)
Volatility %	: 50.1% (v/v), 32.9% (w/w)
VOC content w/w	: 9 (g/l).
Solubility	: Partially soluble in the following materials: cold water and hot water. Very slightly soluble in the following materials: methanol and acetone. Insoluble in the following materials: diethyl ether and n-octanol.
Relative density	: 1.52
Viscosity	: Dynamic: 2300 to 5000 mPa·s (2300 to 5000 cP)

10. Stability and reactivity

Stable under recommended storage and handling conditions (see section 7).

Hazardous decomposition products: carbon monoxide, carbon dioxide, smoke, oxides of nitrogen.

Keep away from the following materials to prevent strong exothermic reactions: oxidizing agents, strong alkalis, strong acids.

11. Toxicological information

There is no data available on the preparation itself. The preparation has been assessed following the conventional method of the Dangerous Preparations Directive 1999/45/EC and classified for toxicological hazards accordingly. See sections 2 and 15 for details.

Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin, resulting in non-allergic contact dermatitis and absorption through the skin. If splashed in the eyes, the liquid may cause irritation and reversible damage.

Contains 3-[(6-aminotrimethylhexyl)amino]propionitrile, 3-aminomethyl-3,5,5-trimethylcyclohexylamine. May produce an allergic reaction.

Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
Polyoxypropylenediamine	LD50 Dermal	Rabbit	360 mg/kg	-
	LD50 Oral	Rat	242 mg/kg	-
3-Aminomethyl-3,5,5-trimethyl cyclohexylamine	LD50 Oral	Rat	1030 mg/kg	-

12. Ecological information

There is no data available on the preparation itself.
Do not allow to enter drains or watercourses.

The preparation has been assessed following the conventional method of the Dangerous Preparations Directive 1999/45/EC and is not classified as dangerous for the environment but contains a substance or substances dangerous for the environment. See section 2 for details.

Aquatic ecotoxicity

Product/ingredient name	Test	Result	Species	Exposure
3-Aminomethyl-3,5,5-trimethyl cyclohexylamine	Intoxication	Acute EC50 37.4 mg/L	Daphnia	24 hours
	Intoxication	Acute EC50 17.4 mg/L	Daphnia	48 hours

Ecological information

Bioaccumulative potential

Product/ingredient name	LogP _{ow}	BCF	Potential
3-Aminomethyl-3,5,5-trimethyl cyclohexylamine	1.9	-	low

13. Disposal considerations

Do not allow to enter drains or watercourses.

Dispose of according to all federal, state and local applicable regulations.

European waste catalogue (EWC) : The European Waste Catalogue classification of this product, when disposed of as waste, is: 08 01 15* aqueous sludges containing paint or varnish containing organic solvents or other dangerous substances. If this product is mixed with other wastes, this code may no longer apply. If mixed with other wastes, the appropriate code should be assigned. For further information, contact your local waste authority.

Hazardous waste : Yes.

14. Transport information

Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

International transport regulations

Regulatory information	UN number	Proper shipping name	Classes	PG*	Label	Additional information
ADR/RID Class	--	-	-	-		Remarks Not controlled under ADR (Europe).
IMDG Class	--	-	-	-		Remarks Not controlled under IMDG.
IATA Class	--	-	-	-		Remarks Not controlled under IATA.

PG* : Packing group

This product is not regulated for carriage according to ADR/RID, IMDG, ICAO/IATA.

15. Regulatory information

EU regulations : The product is classified and labelled for supply in accordance with the Directive 1999/45/EC as follows:

Hazard symbol(s) :



Irritant

Risk phrases :

R36/38- Irritating to eyes and skin.
R43- May cause sensitization by skin contact.

Safety phrases :

S23- Do not breathe spray.
S25- Avoid contact with eyes.
S26- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S36/37- Wear suitable protective clothing and gloves.
S51- Use only in well-ventilated areas.
S56- Dispose of this material and its container at hazardous or special waste collection point.

Contains :

3-[(6-amino-trimethylhexyl)amino]propionitril
3-Aminomethyl-3,5,5-trimethyl cyclohexylamine

Europe inventory :

Europe inventory: Not determined.

Other EU regulations

CN code :

3209 90 00

National regulations

Industrial use :

The information contained in this safety data sheet does not constitute the user's own assessment of workplace risks, as required by other health and safety legislation. The provisions of the national health and safety at work regulations apply to the use of this product at work.

16. Other information

CEPE Classification	: 2
Full text of R-phrases referred to in sections 2 and 3 - United Kingdom (UK)	: R22- Harmful if swallowed. R21/22- Harmful in contact with skin and if swallowed. R34- Causes burns. R38- Irritating to skin. R36/38- Irritating to eyes and skin. R43- May cause sensitization by skin contact. R52/53- Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

The information in this Safety Data Sheet is required pursuant to EU Directive 91/155/EEC and its amendments.

Notice to reader

The information in this SDS is based on the present state of our knowledge and on current laws. The product is not to be used for purposes other than those specified under section 1 without first obtaining written handling instructions. It is always the responsibility of the user to take all necessary steps to fulfill the demands set out in the local rules and legislation. The information in this SDS is meant to be a description of the safety requirements for our product. It is not to be considered a guarantee of the product's properties. ©Copyright by Rust-Oleum Netherlands B.V. / Martin Mathys B.V.



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