



SAFETY DATA SHEET

3333 SUPER ADHESIVE Adhesion coat

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

- Product name and/or code** : 3333 SUPER ADHESIVE Adhesion coat
- 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 number** : Rust-Oleum: +31(0)165-593636; Fax +31(0)165-593600
Martin Mathys: +32(0)13-460200; Fax +32(0)13-460201
- e-Mail address of person responsible for this SDS** : rpmeurohas@ro-m.com
- Product use** : Base for 2-component paint.

2. HAZARDS IDENTIFICATION

The product 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.

3. 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 #	%	EU no.	Classification
formulated polyamin adduct - epoxy prepolymer polyoxypropylenediamine	- 9046-10-0	5 - 10 2.5 - 5		Xi; R38 Xn; R21/22 C; R34 [1] [1]
3-[(6-aminotrimethylhexyl)amino]propiononitrile	93941-62-9	2.5 - 5	300-511-1	Xn; R22 C; R34 R43 [1]
3-aminomethyl-3,5,5-trimethylcyclohexylamine	2855-13-2	1 - 2.5	220-666-8	Xn; R21/22 C; R34 R43 R52/53 [1]
See section 16 for the full text of the R-phrases declared above				

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

[1] Substance classified with a health or environmental hazard

[2] Substance with a workplace exposure limit

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

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 drains or watercourses.
- Hazardous combustion products** : Decomposition products may include the following materials:
carbon dioxide
carbon monoxide
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** : Keep container tightly closed. Keep away from heat, sparks and flame. No sparking tools should be used.
- 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.
- When operators, whether spraying or not, have to work inside the spray booth, ventilation is unlikely to be sufficient to control particulates and solvent vapors in all cases. In such circumstances, they should wear a compressed-air-fed respirator during the spraying process and until the particulate and solvent vapor concentrations have fallen below the exposure limits.
- 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.
- 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/personal protection**
- 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** : When spraying and sanding, suitable respiratory protection must be used. organic vapor (Type A) and particulate filter (EN 141)
- Hand protection** : For prolonged or repeated handling, use the following type of gloves: nitrile rubber, neoprene or natural rubber (latex) (EN 374)

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Barrier creams may help to protect the exposed areas of the skin but should not be applied once exposure has occurred. The user must check that the final choice of type of glove selected for handling this product is the most appropriate and takes into account the particular conditions of use, as included in the user's risk assessment.

- Eye protection** : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. Recommended: safety glasses with side-shields (EN 166).
- Skin protection** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. 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.

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)
- Viscosity** : Dynamic: 2300 to 5000 mPa·s (2300 to 5000 cP)
- Relative density (kg/L)** : 1.52

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 3 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-trimethylcyclohexylamine	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

Ingredient name	Result	Species	Exposure
3-aminomethyl-3,5,5-trimethylcyclohexylamine	Acute EC50 37.4 mg/L	Daphnia	24 hours
	Acute EC50 17.4 to 21.5 mg/L Fresh water	Daphnia - Water flea - Daphnia magna	<24 hours 48 hours

Ecological information

Biodegradability

Conclusion/Remark : Not available.

Bioaccumulative potential

Ingredient name	LogP _{ow}	BCF	Potential
3-aminomethyl-3,5,5-trimethylcyclohexylamine	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	--	-	-	-		-
IMDG Class	--	-	-	-		-
IATA Class	--	-	-	-		-

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 or symbols

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-aminotrimethylhexyl)amino]propiononitrile
3-aminomethyl-3,5,5-trimethylcyclohexylamine

VOC for Ready-for-Use Mixture

: IIA/h. Binding primers. EU limit values: 50g/l (2007) 30g/l (2010).
This product contains a maximum of 8 g/l VOC.

Europe inventory

: Not determined.

Other EU regulations**CN code**

: 3209 90 00

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**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.

Date of issue/Date of revision

: 9/09/2009.

16. OTHER INFORMATION

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

✔ Indicates information that has changed from previously issued version.

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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