



SAFETY DATA SHEET

3333 SUPER ADHESIVE Adhesion coat

1. Identification of the substance/preparation and of the company/undertaking

Product name and/or code : 3333 SUPER ADHESIVE Adhesion coat

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Product use : Base for 2-component paint.

2. Composition/information on ingredients

Substance/preparation : Preparation

Chemical name*	CAS No.	%	EC number	Classification
Europe				
Cyclo-aliphatic polyamine adduct		2.5 - 5	-	Xi; R38
Aliphatic polyamine adduct		2.5 - 5	-	Xi; R38
3-[(6-amino-trimethylhexyl)amino]propionitril	93941-62-9	2.5 - 5	300-511-1	Xn; R22 C; R34 R43
Polyoxypropylenediamine	9046-10-0	2.5 - 5	-	Xn; R21/22 C; R34
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 Limit(s), 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 : R36/38- Irritating to eyes and skin.
R43- 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 irregular breathing, or 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.

See section 11 for more detailed information on health effects and symptoms.

5. Fire-fighting measures

- Extinguishing Media** : Recommended: alcohol resistant foam, CO₂, powders, water spray.
Not to be used : waterjet.
- 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.
- Special fire-fighting procedures** : Fire-fighters should wear positive pressure self-contained breathing apparatus (SCBA) and full turnout gear.

6. Accidental release measures

- Personal precautions** : Provide adequate ventilation. Refer to protective measures listed in sections 7 and 8.
- Spill** : 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). Do not allow to enter drains or watercourses. Clean preferably with a detergent; avoid use of 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.
- Avoid contact with skin and eyes. Avoid the inhalation of dust, particulates and spray mist arising from the application of this preparation. Avoid inhalation of dust from sanding.
- Eating, drinking and smoking should be prohibited in area 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 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 are 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.
- Hygiene measures** : Keep away from food, drink and animal feeding stuffs. Never eat, drink or smoke in work areas. Practice good personal hygiene when using this material, especially before eating, drinking, smoking, using the toilet, or applying cosmetics. It is generally recognized that contact lenses should not be worn when working with chemicals because contact lenses may contribute to the severity of an eye injury.
- Occupational exposure limits** : Not available.
- Recommended monitoring procedures** : No special measures are required. General ventilation is typically sufficient. Provide eye wash and quick drench shower close to work station.
- Occupational exposure controls** : Good general ventilation should be sufficient to control airborne levels. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit. Provide an eye wash in the area if eye contact may occur.
- Personal protective equipment**
- Respiratory system** : If workers are exposed to concentrations above the exposure limit, they must use appropriate, certified respirators.

3333 SUPER ADHESIVE Adhesion coat

Hands	: For prolonged or repeated handling, use gloves: nitrile, neoprene, latex rubber.
	Barrier creams may help to protect the exposed areas of the skin, but should not be applied once exposure has occurred.
Skin and body	: Personnel should wear protective clothing.
Eyes	: Use safety eyewear designed to protect against splash of liquids.

9. Physical and chemical properties

Physical state	: Liquid.
Color	: White.
Odor	: Odorless.
Specific gravity	: 1.52 (Water = 1)
Melting point	: 0°C (32°F)
Boiling point	: > 100 °C
	Nonflammable, but will burn on prolonged exposure to flame or high temperature.
Vapor pressure	: The highest known value is 2.3 kPa (17.3 mm Hg) (at 20°C) (Water). Weighted average: 2.03 kPa (15.23 mm Hg) (at 20°C)
Solubility	: Partially soluble in cold water, hot water.
Viscosity	: Dynamic: 2300 to 5000 cP
Volatility (%)	: 50.1% (v/v). 32.9% (w/w).
VOC (W/W):	: 9 (g/l).

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 Chapters 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-amino-trimethylhexyl)amino]propionitril, 3-Aminomethyl-3,5,5-trimethylcyclohexylamine). May produce an allergic reaction.

Potential acute health effects

Ingestion	: Ingestion may cause gastrointestinal irritation and diarrhea.
Inhalation	: Inhalation of the spray mist may produce severe irritation of respiratory tract, characterized by coughing, choking, or shortness of breath.
Skin contact	: Irritating to skin. May cause sensitization by skin contact.
Eye contact	: Mildly irritating to the eyes.
Other toxic effects on humans	: Repeated or prolonged exposure to spray mist may produce respiratory tract irritation leading to frequent attacks of bronchial infection. May cause sensitization by skin contact. Repeated exposure may cause allergic skin rash, itching, swelling.

Acute Data (LD₅₀, LC₅₀) - Toxicity to Test Animals

<u>Ingredient name</u>	<u>Test</u>	<u>Result</u>	<u>Route</u>	<u>Species</u>
Polyoxypropylenediamine	LD50	242 mg/kg	Oral	Rat
	LD50	360 mg/kg	Dermal	Rabbit
3-Aminomethyl-3,5,5-trimethyl cyclohexylamine	LD50	1030 mg/kg	Oral	Rat

Potential chronic health effects

Carcinogenicity	: No known significant effects or critical hazards.
Mutagenicity	: No known significant effects or critical hazards.
Reproductive toxicity	: No known significant effects or critical hazards.

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 substance(s) dangerous for the environment. See section 2 for details.

Ecotoxicity data

<u>Ingredient name</u>	<u>Result</u>	<u>Period</u>	<u>Species</u>
3-Aminomethyl-3,5,5-trimethyl cyclohexylamine	Daphnia magna (EC50)	48 hour(s)	17.4 mg/l

Mobility : Non-volatile.

13. Disposal considerations

Do not allow to enter drains or watercourses.
Dispose of according to all federal, state and local applicable regulations.

Methods of disposal ; : Type: Hazardous chemical waste.
Waste of residues ; : Location: European Union
Contaminated packaging : Classification: * (Not classified.)
 Disposal.: via incineration
 Storage: * (Storage of controlled substances must comply with applicable regulatory security requirements, No specific storage is required. Use shelves or cabinets sturdy enough to bear the weight of the chemicals. Be sure that it is not necessary to strain to reach materials, and that shelves are not overloaded.)
 Recycling: * (Not applicable.)

European waste catalogue (EWC) : 080115

14. Transport information

International transport regulations

Regulatory Information	UN number	Proper shipping name	Class	Packing group	Label	Additional information
ADR/RID Class	Not regulated.	-	-			-
IMDG Class	Not regulated.	-	-			-
IATA-DGR Class	Not regulated.	-	-			-

This preparation is not classified as dangerous according to international transport regulations, (ADR/RID, IMDG, ICAO/IATA).

15. Regulatory information

EU Regulations : The product is labelled as follows, in accordance with local regulations:

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 300-511-1
3-Aminomethyl-3,5,5-trimethyl cyclohexylamine 220-666-8

3333 SUPER ADHESIVE Adhesion coat

Product use : Classification and labeling have been performed according to EU directives 67/548/EEC, 1999/45/EC including amendments and the intended use.
- Industrial applications, Used by Spraying.

EC Statistical classification (Tariff Code) : 3209 90 00

16. Other information

Full text of R-phrases appearing in section 2: : R21/22- Harmful in contact with skin and if swallowed.
R22- Harmful if swallowed.
R34- Causes burns.
R36/38- Irritating to eyes and skin.
R38- Irritating to skin.
R43- May cause sensitization by skin contact.
R52/53- Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Designation of symbols in Section 2 : C - Corrosive
Xn - Harmful
Xi - Irritant

HISTORY

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