

Safety Data Sheet

Prepared in accordance with Commission Regulation (EU) 2015/830

Revision Date 08-02-2016

Revision Number 6



SECTION 1 Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier	104112 Metal Bonding Adhesive – Medium speed
1.2 Relevant identified uses of the substance or mixture and uses advised against	Automotive repair
1.3 Details of the supplier of the safety data sheet	ITW Evercoat a division of Illinois Tool Works Inc. 6600 Cornell Road Cincinnati, OH 45242 513-489-7600
1.4 Emergency telephone number	CHEM TEL: +1-813-248-0591

SECTION 2 Hazards identification

2.1 Classification of the substance or mixture

Classified in (EC) No.	Skin Corrosion/Irritation Category 1B accordance to Serious Eye Damage/Eye Irritation Category 1 Skin Sensitisation Category 1
1272/2008	

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 [CLP] Hazard pictograms



Signal Word Danger

Hazard Statements

H314 - Causes severe skin burns and eye damage.

H317 - May cause an allergic skin reaction.

Precautionary Statements

P260 - Do not breathe dust/fume/gas/mist/vapours/spray.

P280 - Wear protective gloves/protective clothing/eye protection/face protection.

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P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.

P301+P330+P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.

Supplemental Hazard information (EU)

EUH208 - Contains n-Aminoethylpiperazine. May produce an allergic reaction.

2.3 Other hazards

No data available

SECTION 3 Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Chemical Name	%	CAS #	(EC) No 1272/2008	M Factor	SCL
n-Aminoethylpiperazine	10.16	140-31-8	Aquatic Chronic 3; H412 Acute Tox. 4; H312 Acute Tox. 4; H302 Skin Corr. 1B; H314 Skin Sens. 1; H317 EUH208	No data available	No data available
2,4,6-Tris[(Dimethylamino) Methyl] Phenol	1.76	90-72-2	Acute Tox. 4; H302 Eye Irrit. 2; H319 Skin Irrit. 2; H315	No data available	No data available

For full text of H-statements; See Section 16

SECTION 4 First aid measures

4.1 Description of first aid measures

Inhalation

Remove to fresh air. If breathing is difficult, have a trained individual administer oxygen. If the victim has stopped breathing open airway, loosen collar and belt, and administer artificial respiration.

Eye Contact

Use an eye wash to remove a chemical from your eye regardless of the level of hazard. Flush the affected eye for at least twenty minutes. Tilt the head to prevent chemical from transferring to the uncontaminated eye. Seek medical advice after flushing. No data available

Skin Contact

Wash with soap and water. Get medical attention if irritation develops or persists. Remove contaminated clothing and continue flushing with water. Seek medical advice if symptoms persist

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Ingestion Minimal risk of harm if swallowed. Do not induce vomiting. Seek medical attention immediately. Provide medical care provider with this MSDS. Do not induce vomiting unless directed to do so by medical personnel.

Self protection of the first aider No data available

4.2 Most important symptoms and effects, both acute and delayed

Symptom See Section 4.1

4.3 Indication of any immediate medical attention and special treatment needed

Note to Doctor No additional first aid information available

SECTION 5 Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media Use alcohol resistant foam, carbon dioxide, dry chemical, or water spray when fighting fires. Water or foam may cause frothing if liquid is burning but it still may be a useful extinguishing agent if carefully applied to the fire. Do not direct a water stream directly into the hot burning liquid. Carbon dioxide Dry chemical

Unsuitable extinguishing media No data available

5.2 Special hazards arising from the substance or mixture

Fire and/or Explosion Hazards Material may be ignited if preheated to temperatures above the flash point in the presence of a source of ignition.

Hazardous Combustion Products Carbon dioxide, Carbon monoxide, Ammonia, Nitrogen containing gases, Hydrogen sulfide

5.3 Advice for firefighters

Fire Fighting Methods and Protection Do not enter fire area without proper protection including self-contained breathing apparatus and full protective equipment. Fight fire from a safe distance and a protected location due to the potential of hazardous vapors and decomposition products. Use methods for the surrounding fire.

SECTION 6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For Non-emergency Personnel Non-emergency personnel should be kept clear of the area.

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For emergency responders

No health effects expected from the clean-up of this material if contact can be avoided. Follow personal protective equipment recommendations found in Section VIII of this MSDS

6.2 Environmental precautions

No data available

6.3 Methods and material for containment and cleaning up

No special spill clean-up considerations. Collect and discard in regular trash. Shut off ignition sources; including electrical equipment and flames. Do not allow smoking in the area. Use an inert absorbent such as sand or vermiculite. Place in properly labeled closed container.

6.4 Reference to other sections

Refer to section 13 for disposal information.

SECTION 7 Handling and storage

7.1 Precautions for safe handling

Mildly irritating material. Avoid unnecessary exposure. Do not get in eyes, on skin and clothing Wash hands before eating Use with adequate ventilation Avoid contact with material, avoid breathing dusts or fumes, use only in a well ventilated area.

7.2 Conditions for safe storage, including any incompatibilities

Store in a cool dry place. Isolate from incompatible materials. Store in a cool dry place Keep away from heat, sparks, and flame

7.3 Specific end use(s)

Automotive repair

SECTION 8 Exposure controls/personal protection

Occupational Exposure limit values

<u>Chemical Name</u>	<u>ACGIH TLV-TWA</u>	<u>ACGIH STEL</u>	<u>IDLH</u>
No data available	No data available	No data available	No data available

8.2 Exposure controls

Appropriate engineering controls

No exposure limits exist for the constituents of this product. General room ventilation might be required to maintain operator comfort under normal conditions of use.

Individual protection measures, such as personal protective equipment

Eye and face protection

Wear safety glasses when handling this product. None

Skin Protection

Hand protection

No information available

Other skin protection

Not normally considered a skin hazard. Where use can result in skin contact, practice good personal hygiene and wear a barrier cream and/or impervious surgical style gloves. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work.

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Respiratory Protection	No respiratory protection required under normal conditions of use. Provide general room exhaust ventilation if symptoms of overexposure occur as explained Section III. A respirator is not normally required.
Thermal hazards	No data available
Environmental exposure controls	No data available

SECTION 9 Physical and chemical properties 9.1 Information on basic physical and chemical properties

Appearance	Paste
Colour	Black
Odour	No data available
Odour Threshold	No data available
pH	No data available
Melting point / Freezing point	1082
(°C)	
Initial boiling point and boiling range (°C)	181
Flash Point (°C)	140
Evaporation Rate	No data available
Flammability (Solid, gas)	No data available
Upper/lower flammability or explosive limits	
Upper Flammable/Explosive Limit, % in air	6.5
Lower Flammable/Explosive Limit, % in air	1.6
Vapour Pressure	No data available
Vapour Density	Heavier than air. Vapors that evolve from this product will tend to settle and accumulate near the floor.
Relative Density	No data available
Solubility(ies)	Minimal; 1-9%

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Partition coefficient: n- 1.36

octanol/water

Decomposition Temperature No data available

Viscosity No data available

Explosive properties No data available

Oxidizing properties No data available

9.2 Other information No data available

SECTION 10 Stability and reactivity

10.1 Reactivity No data available

10.2 Chemical stability Stable under normal conditions.

10.3 Possibility of hazardous reactions No data available

10.4 Conditions to avoid Temperatures above the high flash point of this combustible material in combination with sparks, open flames, or other sources of ignition.

Contamination

10.5 Incompatible materials Oxidizing materials; Caustics (bases)

10.6 Hazardous decomposition products Carbon dioxide Carbon monoxide Ammonia Hydrogen sulfide

SECTION 11 Toxicological information 11.1 Information on toxicological effects

Acute Toxicity

Based on available data, the classification criteria are not met.

Skin corrosion/irritation

pH	No data available
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Classification is based on pH and the components listed in Section 3.

Serious eye damage/irritation

pH	No data available
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Classification is based on pH and the components listed in Section 3.

Respiratory or skin sensitization

EUH208 - Contains n-Aminoethylpiperazine. May produce an allergic reaction.

Classification has been based on toxicological information of the components in Section 3.

Germ cell mutagenicity

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Based on available data, the classification criteria are not met.

Carcinogenicity

Based on available data, the classification criteria are not met.

Reproductive toxicity

Based on available data, the classification criteria are not met.

STOT-single exposure

Based on available data, the classification criteria are not met.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

SECTION 12 Ecological information

12.1 Toxicity No data available

Ecotoxicity Data

Chemical Name	CAS Number	Aquatic EC50 Crustacea	Aquatic ERC50 Algae	Aquatic LC50 Fish
No data available				

12.2 Persistence and degradability No data available

12.3 Bioaccumulative potential No data available **12.4 Mobility in soil** No data available **12.5 Results of PBT and vPvB assessment** No data available **12.6 Other adverse effects** No data available

12.7 Additional information No data available

SECTION 13 Disposal considerations

13.1 Waste treatment methods

Waste Description for Spent Product Spent or discarded material may be a hazardous waste.

Disposal Methods Dispose of by incineration following Federal, State, Local, or Provincial regulations.

Waste Disposal Code(s) (European Waste Catalogue) W080409

SECTION 14 Transport information

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Ground:

14.1 UN number: No data available
14.2 UN proper shipping name: Not Regulated
14.3 Transport hazard class(es): No data available
14.4 Packing group: No data available

Air:

14.1 UN number: No data available
14.2 UN proper shipping name: Not Regulated
14.3 Transport hazard class(es): No data available
14.4 Packing group: No data available

Water:

14.1 UN number: No data available
14.2 UN proper shipping name: Not Regulated
14.3 Transport hazard class(es): No data available
14.4 Packing group: No data available
14.5 Environmental hazards: No
14.6 Special precautions for user: No data available
14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code: No data available

SECTION 15 Regulatory information 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

<u>Chemical Name</u>	<u>EINECS</u>	<u>SVHC</u>
n-Aminoethylpiperazine	Y	N
2,4,6-Tris[(Dimethylamino) Methyl] Phenol	Y	N
Bis[(dimethylamino)methyl]phenol	Y	N
Phenol 4-nonyl branched	Y	N
Phenol	Y	N

15.2 Chemical safety assessment No data available

SECTION 16 Other information

SDS Abbreviations: No data available

References: No data available

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Hazard phrase(s) referenced in section 3

H301 - Toxic if swallowed.
H302 - Harmful if swallowed.
H311 - Toxic in contact with skin.
H312 - Harmful in contact with skin.
H314 - Causes severe skin burns and eye damage.
H315 - Causes skin irritation.
H317 - May cause an allergic skin reaction.
H319 - Causes serious eye irritation.
H331 - Toxic if inhaled.
H341 - Suspected of causing genetic defects.
H361 - Suspected of damaging fertility or the unborn child.
H373 - May cause damage to organs through prolonged or repeated exposure.
H400 - Very toxic to aquatic life.
H410 - Very toxic to aquatic life with long lasting effects.
H412 - Harmful to aquatic life with long lasting effects.

Precautionary Statements

Prevention

P201 - Obtain special instructions before use.
P202 - Do not handle until all safety precautions have been read and understood.

P260 - Do not breathe dust/fume/gas/mist/vapours/spray.
P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.
P264 - Wash thoroughly after handling.
P272 - Contaminated work clothing should not be allowed out of the workplace.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.

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Response

P301+P330+P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

P302+P352 - IF ON SKIN: Wash with plenty of soap and water.

P303+P361+P353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

P304+P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P308+P313 - IF exposed or concerned: Get medical advice/attention.

P310 - Immediately call a poison center/doctor/....

P321 - Specific treatment (see on this label).

P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.

P363 - Wash contaminated clothing before reuse.

P405 - Store locked up.

Storage

Disposal

P501 - Dispose of contents/container in accordance with

local/regional/national/international regulation for hazardous wastes.

NOTICE: The information accumulated herein is believed to be correct as of the date issued from sources, which are believed to be accurate and reliable. Since it is not possible to anticipate all circumstances of use, recipients are advised to confirm, in advance of need, that the information is current, applicable and suitable to their circumstances