


SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

- 1.1 Product identifier** **AM Rubber Cement**
- GHS Product Identifier **AM Rubber Cement**
- Chemical Name Mixture
- Trade name **AM Rubber Cement**
- CAS No. Mixture
- EINECS No. Mixture
- REACH Registration No. Not available
- 1.2 Relevant identified uses of the substance or mixture and uses advised against**
- Identified use(s) Adhesive
- Uses advised against Users are recommended to seek further advice.
- 1.3 Details of the supplier of the safety data sheet**
- Company (North America) **Accessories Marketing, Inc.**
- Identification (Europe) **Freightways c/o Access Marketing Europe**
- Address (North America) **125 Venture Drive, Suite 210, San Luis Obispo, CA 93401**
- (Europe) **Mandenmakerstraat 6, 2222 AX Katwijk Nederlands**
- Telephone (North America) **(805) 489-0490**
- (Europe) **+31 71 408 0838**
- E-Mail (competent person) <mailto:brett@slime.com>
- Only representative of a non-Community manufacturer**
- Company Identification **H2 Compliance**
- Address **Rubicon Building, CIT Campus, Bishopstown, Cork, Ireland**
- Telephone **+353 21 486 8122**
- E-Mail (competent person) <mailto:info@h2compliance.com>
- 1.4 Emergency telephone number – ChemTel Inc.**
- Emergency Phone No. (800) 255-3924 , (813) 248-0585**

**SECTION 2: HAZARDS IDENTIFICATION**

- 2.1 Classification of the substance or mixture**
- 2.1.1 Regulation (EC) No. 1272/2008 (CLP) and GHS Classifications** - Hazardous according to Directives 1272/2008/EC and 1907/2006/EC – Flammable Liquid 2, Skin Irritant 2, Mutagen 1B, Carcinogen 1B, Specific Target Organ Toxicity - STOT-single exposure 3, Environment Acute & Chronic 1 (2.6/2, 3.2/2, 3.5/1B, 3.6/1B, 3.8/3, 4.1/1). Hazardous according to GHS-compliant regulations in Japan, as well as the UN model regulations.
- 2.1.2 Directive 67/548/EEC & Directive 1999/45/EC** - Hazardous according to Directives 67/548/EEC and 1999/45/EC – Flammable, Environment, Toxic.
- 2.2 Label elements**
- 2.2.1 Label elements According to Regulation (EC) No. 1272/2008 (CLP)**
- GHS Product Identifiers
- Hazard pictogram(s)  Signal word(s) **DANGER**
- Hazard statement(s) H225: Highly flammable liquid and vapour.
H304: May be fatal if swallowed and enters airways.
H315: Causes skin irritation.
H336: May cause drowsiness or dizziness.
H340: May cause genetic defects.
H350: May cause cancer.
H400: Very toxic to aquatic life.
H410: Very toxic to aquatic life with long lasting effects.
- Precautionary statement(s) P210: Keep away from heat, sparks, open flame, hot surfaces - No smoking
P281: Use personal protective equipment as required.
P302 + P352: IF ON SKIN: Wash with plenty of soap and water.
P304 + P341: IF INHALED: If breathing is difficult, 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.

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2.2.2 Label elements According to Directive 67/548/EEC & Directive 1999/45/EC

Hazard Symbol



Risk Phrases

R11: Highly flammable.
 R38: Irritating to skin.
 R45: May cause cancer.
 R46: May cause heritable genetic damage.
 R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
 R65: Harmful: may cause lung damage if swallowed.
 R67: Vapours may cause drowsiness and dizziness.

Safety Phrases
 S16: Keep away from sources of ignition - No smoking.
 S24/25: Avoid contact with skin and eyes.
 S28: After contact with skin, wash immediately with plenty of soap and water.
 S36: Wear suitable protective clothing.

2.3 Other hazards

OSHA Classification (USA): Hazardous under OSHA Hazard Communication Standard. Flammable liquid, Aspiration hazard, Irritant.
HMIS: Health – 2, Flammability – 3 Reactivity – 0
WHMIS Classification (Canada): Hazardous under WHMIS. Classification B2; Flammable Liquid.
 Classification D2A: Material with Other Toxic Effects (Carcinogen)
 Classification D2B: Material with Other Toxic Effects (Irritant)
GHS Classification (USA/Canada): Hazardous under GHS.
 H225: Highly flammable liquid and vapour.
 H304: May be fatal if swallowed and enters airways.
 H315: Causes skin irritation.
 H320: Causes eye irritation.
 H336: May cause drowsiness or dizziness.
 H351: Suspected of causing cancer.
 H410: Very toxic to aquatic life with long lasting effects.



2.4 Additional Information None

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

EC Classification No. 1272/2008/EC (GHS Classification)

Hazardous ingredient(s)	%W/W	CAS No.	EC No.	REACH Registration No.	Hazard pictogram(s) and Hazard statement(s)
Petroleum Distillate	50-75	64742-89-8	265-192-2	649-267-00-0	3.5/1B, 3.6/1/B, 3.10/1; H304, H340, H350
Heptane (a)	20-30	142-82-5	205-563-8	601-008-00-2	2.6/2, 3.8/3, 3.10/1, 4.1.1; H225, H304, H315, H336, H400, H410
1-Heptene (a)	5-15	25339-56-4	246-871-2	NA	2.6/2, 3.8/3, 3.10/1, 4.1.1; H225, H304, H315, H336,
Octane (a)	<5	111-65-9	203-892-1	601-009-00-8	2.6/2, 3.8/3, 3.10/1, 4.1.1; H225, H304, H315, H336, H400, H410

(a) - Also classified as 3.3/3, H320 for general GHS classification.

EC Classification No. 67/548/EEC

Hazardous ingredient(s)	%W/W	CAS No.	EC No.	REACH Registration No.	Hazard pictogram(s) and Risk (R) Phras(es)
Petroleum Distillate	50-75	64742-89-8	265-192-2	649-267-00-0	T+, Xn; R45, R46, R65
Heptane	20-30	142-82-5	205-563-8	601-008-00-2	F, N+, Xn, Xi; R11, R38, R50/53, R65, R67
1-Heptene	5-15	25339-56-4	246-871-2	NA	F, Xn, Xi; R11, R38, R65, R67
Octane	<5	111-65-9	203-892-1	601-009-00-8	F, N+, Xn, Xi; R11, R38, R50/53, R65, R67

3.3 Additional Information

- For full text of H phrases see section 16. For full text of R phrases see section 16. Non-Hazardous ingredients are not listed and make up the balance of the product.

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SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation	Remove patient from exposure. Keep patient at rest and give oxygen if breathing difficult. If symptoms develop, obtain medical attention.
Skin Contact	Wash exposed areas with soap and warm water. In the event of irritation, seek medical advice. Can be absorbed through skin causing systemic harmful effects.
Eye Contact	Remove any contact lenses. Irrigate with eyewash solution or clean water, holding the eyelids apart, for at least 15 minutes. Obtain immediate medical attention.
Ingestion	If swallowed, seek medical advice immediately and show this container or label. Do not induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed

Acute: Aspiration of liquid may cause pulmonary oedema. Can be absorbed through skin causing systemic harmful effects. May cause drowsiness and dizziness. Irritant effect on skin and eyes. Affects liver, kidneys and central nervous system when systemically absorbed, inhaled or ingested in quantity.

Delayed and chronic effects: Multiple or prolonged contact with skin may result in dermatitis. Product contains suspect carcinogen and mutagen according to European Union Classifications.

4.3 Indication of the immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: FIRE-FIGHTING MEASURES

Flammable Liquid. Acrid smoke. Not Sensitive to mechanical impact and static discharge.
Flash Point = - 9 °C / 16 °F. Explosive Limits: 1.3 LEL. Auto-Ignition Temperatures: NE

5.1 Extinguishing media

Suitable Extinguishing Media	Extinguish preferably with dry chemical, foam or water spray.
Unsuitable Extinguishing Media	Water streams.

5.2 Special hazards arising from the substance or mixture

Containers may rupture from exposure to high temperatures, releasing contents that may be slippery.

5.3 Advice for fire-fighters

A self contained breathing apparatus and suitable protective clothing should be worn in fire conditions. Extinguish preferably with dry chemical, foam or water spray.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Eliminate sources of ignition. Ensure adequate ventilation. Ensure suitable personal protection (including respiratory protection) during removal of spillages.

6.2 Environmental Precautions

Environmental hazards cannot be excluded by inappropriate handling or disposal.

6.3 Methods and material for containment and cleaning up

Mix spilled product with sand, then shovel up into covered container. For small spills on hard surfaces, allow substance to harden, then scrape up and discard. Treat absorbed liquid as flammable.

6.4 Reference to other sections

See Also Section 7, 8, 13.

6.5 Additional Information

None

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Keep away from fire, sparks and heated surfaces - no smoking. Avoid skin and eye contact. Use only in well-ventilated areas. Keep away from oxidizing agents. Wear suitable protective clothing.

7.2 Conditions for safe storage, including any incompatibilities

Ensure adequate ventilation to remove vapours, fumes, dust etc. Do not use or store near heat or open flame. Keep out of reach of children. Do not store and transport with oxidizers etc.

Storage Temperature

Ambient.

Storage Life

Not available

Incompatible materials

Can react violently if in contact with oxidizing agents.

7.3 Specific end use(s)

Consult the supplier.



SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

8.1.1 Occupational Exposure Limits

SUBSTANCE	CAS No.	LTEL (8 hr TWA ppm)	LTEL (8 hr TWA mg/m ³)	STEL (ppm)	STEL (mg/m ³)	Note:
Petroleum Distillate	64742-89-8	NE	NE	NE	NE	None
		NE	NE	NE	NE	None
Heptane	142-82-5	400	NE	500	NE	ACGIH
		500	2000	NE	NE	OSHA
		500	2085	NE	NE	EU OEL
1-Heptene	25339-56-4	NE	NE	NE	NE	None
		NE	NE	NE	NE	None
Octane	111-65-9	300	NE	NE	NE	ACGIH
		500	2350	NE	NE	OSHA
		500	2400	NE	NE	DFG Germany

OELs are not available for non-listed components.





8.1.2 Biological limit value

Limit value type (country of origin)	SUBSTANCE.	CAS No.	Biological limit value	Note:
IDLH - USA	Heptane	142-82-5	750 ppm	NIOSH
IDLH - USA	Octane	111-65-9	1000 ppm	NIOSH

8.1.3 PNECs and DNELs

No PNECs or DNELs are available for this product. As with all chemical products, users are cautioned to avoid unnecessary exposures.

8.2.2 Personal protection equipment

	Respirators	Usually Not Needed.
	Eye Protection	Safety glasses are suggested as good practice.
	Gloves	Nitrile or neoprene gloves are suggested where skin contact is possible.
	Body protection	Usually Not Needed.
	Engineering Controls	No special controls required.
	Other	Clean contaminated equipment.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	Viscous Liquid	Color	Clear or Yellowish
Odor	Solvent	Odor Threshold (ppm)	No data
Melting Point (°C) / Freezing Point (°C)	No data	Boiling point/boiling range (°C):	194-212 °F / 90-100 °C
Flash Point (°C)	16 °F / -9 °C	Explosive limit ranges	1.3 % (Minimum)
Auto Ignition Temperature (°C)	No data	Decomposition Temperature (°C)	No data
Explosive properties	Flammable	Oxidizing properties	Not an Oxidizer
Flammability (solid, gas)	Flammable	pH (Value)	No data
Evaporation rate	3.1 (water = 1)	Vapor Pressure (mm Hg)	No data
Vapor Density (Air=1)	3.5	Density (g/ml)	0.7 @ 60°F / 15.5°C
Solubility (Water)	Insoluble	Solubility (Other)	Soluble in petroleum
Partition Coefficient (n-Octanol/water)	Favors n-octanol	Viscosity	No data

9.2 Other information Volatile Organic Chemical (VOC) Content: >50% by weight.

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SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity	May react with incompatible materials.
10.2 Chemical stability	Stable under normal conditions. Avoid temperature extremes
10.3 Possibility of hazardous reactions	Can react violently if in contact with oxidizing agents.
10.4 Conditions to avoid	Avoid temperature extremes
10.5 Incompatible materials	Can react violently if in contact with oxidizing agents.
10.6 Hazardous Decomposition Product(s)	Carbon monoxide, Carbon dioxide. Thermal decomposition will evolve irritant vapors.

SECTION 11: TOXICOLOGICAL INFORMATION

SUBSTANCE	CAS No.	LD ₅₀ (Oral, Rat)	LC ₅₀ (Inhalation, Rat)	LD ₅₀ (Dermal, Rat)
Petroleum Distillate	64742-89-8	> 5000 mg/kg	8300 ppm / 4 Hours	NE
Heptane	142-82-5	NE	103 g/m ³ / 4 Hours	NE
1-Heptene	25339-56-4	NE	NE	NE
Octane	111-65-9	NE	118 g/m ³ / 4 Hours	NE

11.1 Information on toxicological effects

11.1.2 Mixtures

Acute toxicity and Exposure Effects	Ingestion	May be harmful if swallowed. Risk of aspiration.
	Inhalation	May cause drowsiness or dizziness. May be harmful if inhaled.
	Skin Contact	Irritating to skin.
	Eye Contact	May be irritating to eyes.
Irritation		Causes irritation to eyes and skin.
Corrosivity		Not to be expected.
Repeated dose toxicity		Expected to be similar to single exposures. May cause dermatitis. Product contains suspect carcinogen/mutagen.
Carcinogenicity		Suspected of causing cancer.
Mutagenicity		Contains suspect mutagen.
Toxicity for reproduction		No data.

11.2 Other information

None

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity	Toxic to aquatic life with long lasting effects.
12.2 Persistence and degradability	Partially persistent.
12.3 Bioaccumulative potential	Material may bioaccumulate with multiple spills.
12.4 Mobility in soil	Variable mobility; dependent upon component.
12.5 Results of PBT and vPvB assessment	No data.
12.6 Other adverse effects	Environmental hazards cannot be excluded by inappropriate handling or disposal.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods	Disposal should be in accordance with local, state or national legislation. Send to a licensed recycler, reclaimer or incinerator. Incineration may be used to recover energy value.
13.2 Additional Information	None



SECTION 14: TRANSPORT INFORMATION

Land transport (ADR/RID) (b)(c)(d)

UN number	UN1133
Proper Shipping Name	Adhesives, Flammable
Transport hazard class(es)	3
Packing Group	II
Hazard label(s)	Flammable Liquid
Environmental hazards	None
Special precautions for user	None

Land transport (Within USA) (b)(c)(d)

UN number	UN1133
Proper Shipping Name	Adhesives, Flammable
Transport hazard class(es)	3
Packing Group	II
Hazard label(s)	Flammable Liquid
Environmental hazards	None
Special precautions for user	None

Sea transport (IMDG) (b)(c)(d)

UN number	UN1133
Proper Shipping Name	Adhesives, Flammable
Transport hazard class(es)	3
Packing Group	II
Marine Pollutant	Flammable Liquid
Special precautions for user	None

Air transport (ICAO/IATA) (b)(c)(d)

UN number	UN1133
Proper Shipping Name	Adhesives, Flammable
Transport hazard class(es)	3
Packing Group	II
Environmental hazards	Flammable Liquid
Special precautions for user	None

*(b) – Limited Quantity may be used. Consult with transport provider.**(c)– Consult with transport provider.**(d)– Check relevant regulations for Special Provisions.***Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

SECTION 15: REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**15.1.1 EU regulations**

Authorisations and/or restrictions on use	Consult the supplier.
European Union (EINECS/ELINCS)	All chemicals listed
German WGK number	2

15.1.2 National regulations**USA**

TSCA (Toxic Substance Control Act)	All chemicals listed.
SARA 311/312 - Hazard Categories	Acute Health, Chronic Health, Flammable
SARA 302 - Extremely Hazardous Substances	Listed - None
SARA 313 - Toxic Chemicals	Listed - None
CERCLA (Comprehensive Environmental Response Compensation and Liability Act)	Listed - None
CAA (Clean Air Act 1990)	Listed - None
CWA (Clean Water Act)	Listed - None
State Right to Know Lists	Listed as required.
Proposition 65 (California)	Listed - None

Canada

WHMIS Classification	A – Compressed Gas. D2A, D2B – Materials with Other Toxic Effects.
Canada (DSL/NDL)	Listed as required.
Canada Ingredient Disclosure List (CIDL)	Listed as required.

Japan

Japan Fire Service Act	Not classified as flammable/combustible, oxidizing, or reactive.
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15.2 Chemical Safety Assessment

Hazardous – Harmful, Irritant, Pressurized



SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: 1-16.

LEGEND

ACGIH	American Conference of Governmental Industrial Hygienists	NA	not applicable, not available
AICS	Australian Inventory of Chemical Substances	NIOSH	National Institute for Occupational Safety and Health
ANSI	American National Standards Institute	ND	not determined
atm	atmosphere (pressure unit)	NFPA	National Fire Prevention Association
BOD	biological oxygen demand	NTP	National Toxicology Program
CAS	Chemical Abstracts Service	OC	open cup
CC	closed cup	OSHA	Occupational Safety and Health Administration
CDTA	Chemical Drug and Trafficking Act	Part	partition
COC	Cleveland Open Cup	PEL	permissible exposure limits
COD	chemical oxygen demand	ppb	parts per billion
coeff.	coefficient	PPE	personal protective equipment
CFR	Code of Federal Regulations	ppm	parts per million
CPR	cardio-pulmonary resuscitation	psi	pounds per square inch
DEA	Drug Enforcement Agency	RCRA	Resource Conservation and Recovery Act
DOT	Department of Transportation	RQ	Reportable quantity
DSCCL	Dangerous Substances Classification and Labeling	RTK	Right to Know
EEC	European Economic Community	SARA	Superfund Amendments and Reauthorization Act
FDA	Food and Drug Administration	STEL	short-term exposure limit
HMIS	Hazardous Materials Information System	SUSDP	Standard for the Uniform Scheduling of Drugs and Poisons (Australia)
IARC	International Agency for Research on Cancer	TCC	Tagliabue Closed Cup
IDLH	immediate danger to life or health	TDG	Transportation of Dangerous Goods
kg	kilogram	TPQ	threshold planning quantity
L	liter	TQ	threshold quantity
LC50	median lethal concentration	TSCA	Toxic Substances Control Act
LD50	median lethal dose	TWA	time-weighted average
LEL	lower explosive limit	UEL	upper explosive limit
mg	milligram	WES	Workplace Exposure Standard (New Zealand)
mL	milliliter	WHMIS	Workplace Hazardous Material Information System

References: RTECS, CAS Registry, EINECS/ESIS, *Casarett & Doull's Toxicology*, *Goldfrank's Toxicological Emergencies*, Manufacturer Information

Risk Phrases

R11: Highly flammable.
 R38: Irritating to skin.
 R45: May cause cancer.
 R46: May cause heritable genetic damage.
 R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
 R65: Harmful: may cause lung damage if swallowed.
 R67: Vapours may cause drowsiness and dizziness.

Hazard statements

H225: Highly flammable liquid and vapour.
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 H340: May cause genetic defects.
 H350: May cause cancer.
 H351: Suspected of causing cancer.
 H400: Very toxic to aquatic life.
 H410: Very toxic to aquatic life with long lasting effects.

Training advice: None

Additional Information: Replaces all previous editions.

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