

According to OSHA HCS

Product Name : Uncured Elastomeric Flash	Version : 01
Product Code : EF150SA	Initial Date : 18/02/2014
HS Code : 40082100003	Revision Date : 20/03/2017

SECTION 01: Identification of the substance/mixture and of the company/undertaking

This material safety data sheet (SDS) was prepared solely for the reference of, and as a courtesy to, TRC Adhesives & Sealants customers. The product to which this SDS refers is a manufactured item that meets the definition of an "article" under the OSHA Hazard Communication Standard (hereinafter "the Standard"), which exempts articles from the requirements of the Standard, including the requirement to provide an SDS. Under normal conditions of use this product is not expected to release hazardous chemicals, nor pose a physical hazard or health risk, such that the Standard would require TRC Adhesives & Sealants to provide an SDS. However, failure to use this product in accordance with TRC Adhesives & Sealants recommendations or under normal conditions could result in potential physical hazards, health risks, or other hazards.

Product name	Uncured Elastomeric Flash
Relevant Identified uses of the substance or mixture	Adhesive/None known
Application of the substance/ the mixture	Roofing tape
Manufacturer / Supplier	Techno Rubber Company Ltd
Address	PO Box 3508, Dammam 34326, Kingdom of Saudi Arabia
Telephone	+966 13 812 3333
Website	www.technorubber.com.sa
Email	info@technorubber.com.sa
Association / Organisation	Techno Rubber Emergency Response
Telephone	+966 13 812 3333 (Sunday - Thursday 08:00-17:00)

SECTION 02: Hazards identification

2.1 Classification of the substance or mixture

Classification of the substance or mixture	The product does not meet the criteria for classification as hazardous under the GHS and CFR 1910.1200
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2.2. Label elements

GHS label elements	Void
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Hazard pictograms	Void
Signal word	Void
Hazard statements	Void
Additional information	Exempt from regulation because this is an 'Article' that does not release or otherwise result in exposure to a hazardous chemical under normal use under the OSHA Hazardous communication standard 29 CFR 1910.1200

2.3 Classification system

NFPA rating (scale 0-4)	 Health-0, Fire-0, Reactivity-0
HMIS rating (scale 0-4)	 Health-2, Fire-2, Physical hazard-0
Other hazards	Results of PBT and vPvB assessment PBT : Not applicable vPvB: Not applicable

SECTION 03: Composition/information on ingredients

3.1 Mixtures

Chemical characterization	Mixtures
Description	Uncured rubber material
Hazardous components	Non-Dangerous Components

3.2 Additional information:

All concentrations are in percent by weight unless the ingredient is a gas. Gas concentrations are in percent by volume. Any pigments or fillers in this product which may be considered "Hazardous" are potentially hazardous only if inhaled as an airborne dust. Exposure by these ingredients as used in sealants, putties, bedding compounds and non-sprayable products is highly unlikely. For the wording of the listed risk phrases refer to section 15. Any pigments or fillers in this product which may be considered "Hazardous" are potentially hazardous only if inhaled as an air-borne dust. Exposure these ingredients as used in sealants, putties, bedding compounds and other non-sprayable products is highly unlikely. All concentrations are in percent by weight unless ingredient is a gas.

SECTION 04: First aid measures

4.1. Description of first aid measures

After Inhalation	Supply fresh air or oxygen: call for doctor. In case of unconsciousness place patient stably in side position for transportation.
After skin contact	Immediately wash with water and soap and rinse thoroughly.
After eye contact	Rinse opened eye for 20 minutes under running water. Call a Doctor immediately.

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After swallowing	Seek medical treatment.
Information for doctor	Most important symptoms and effects, both acute and delayed. No further relevant information available. Indication of any immediate medical attention and special treatment needed. No further relevant information available.

SECTION 05: Fire-fighting measures

Extinguishing media	Suitable extinguishing agents: CO2, extinguishing powder or water spray. fight larger with water spray. Use fire-fighting measures that suit the environment.
Special hazards arising from the substance or mixture	No further relevant information available.
Advice for fire-fighters	Protective equipment: Protective clothing and respiratory protective device.

SECTION 06: Accidental release measures

Personal precautions , protective equipment and emergency procedures	Wear protective equipment. Keep unprotected persons away. Ensure adequate ventilation.
Environmental precautions	Do not allow to enter sewers/surface or ground water.
Methods and material for containment and cleaning up	Dispose of contaminated material as waste in accordance with federal state and local regulations.
Reference to other sections	See section 7 for information on safe handling. See section 8 for information on personal protective equipment. See section 13 for disposal information.

6.2. Protective action criteria for chemicals

PAC-1	None of the ingredients is listed.
PAC-2	None of the ingredients is listed.
PAC-3	None of the ingredients is listed.

SECTION 07: Handling and storage

Handling Precautions for safe handling	Avoid prolonged or repeated contact with skin. Avoid contact with eyes. Wash thoroughly after handling.
Information about protection against explosions and fires	No special measures required.

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<p>Conditions for safe storage, including any incompatibilities</p> <p>Storage</p>	<p>Requirements to be met by storerooms and receptacles: Store in a cool location away from direct heat.</p> <p>Information about storage in one common storage facility: Store away from oxidizing agents.</p> <p>Further information about storage conditions: Keep receptacle tightly sealed.</p> <p>Specific end use(s): No further relevant information available.</p>
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SECTION 08: Exposure controls/Personal protection

8.1. Control parameters

Additional information about design of technical systems	No further data, see item 7.
Components with limit values that require monitoring at the workplace	The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

8.2 Additional information

The lists that were valid during the creation were used as basis.

<p>Exposure controls</p> <p>Personal protective equipment</p> <p>General protective and hygienic measures</p>	<p>Keep away from foodstuffs, beverages and feed.</p> <p>Immediately remove all soiled and contaminated clothing.</p> <p>Wash hands before breaks and at the end of work.</p> <p>Avoid contact with the eyes.</p> <p>Avoid contact with the eyes and skin.</p>
Breathing equipment	Not necessary if room is well-ventilated.
Protection of hands	 <p>The gloves material has to be impermeable and resistant to the product/ the substance/ the preparation.</p> <p>Material of gloves- Nitrile rubber, NBR Chloroprene rubber, CR</p> <p>The selection of suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.</p>
Penetration time of glove material	The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
Eye protection	 <p>Safety glasses with side shields</p>
Body protection	Protective work clothing

SECTION 09: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Form	Solid
Colour	Black & white

Odour	Characteristic
Odour threshold	Not determined
PH value	Not applicable
Melting point	Undetermined
Boiling point	Not applicable
Flash point	Not applicable
Decomposition temperature	Not determined
Auto igniting	Product is not self-igniting
Danger of explosion	Product does not present an explosion hazard.
Flammable limits	Lower: 0.9% Upper: 6.7 %
Vapor pressure	Not applicable
Flammability (solid,gaseous)	Not determined
Specific gravity	Not determined
Relative density	Not determined
Vapor density	Not applicable
Evaporation rate	Not applicable
Solubility in /miscibility with water	Insoluble
Partition coefficient (n-octanol/water)	Not determined
Dynamic viscosity	Not applicable
Kinematic viscosity	Not applicable
Solvent content Organic solvents	0.0%
Solid content	100%
Other information	No further relevant information available.

SECTION 10: Stability and reactivity

Reactivity	No further relevant information available.
Chemical stability Thermal decomposition / Conditions to be avoided	No decomposition if used according to specifications.
Possibility of hazardous reactions	No dangerous reactions known.

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Conditions to avoid	Heat, flames, sparks, hot surfaces, ignition sources.
Incompatible materials	Reacts with oxidizing agents.
Hazardous decomposition products	Carbon monoxide and carbon dioxide.

SECTION 11: Toxicological information

11.1. Information on toxicological effects- Acute toxicity

Primary irritant effect	<p>On the skin: May irritate the skin.</p> <p>On the eye: May irritate the eye.</p> <p>Sensitization: No sensitization effects</p>
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11.2. Additional toxicological information

When used and handled according to specifications, the product does not any harmful effects according to our experience and the information provided to us.

Carcinogenic categories

IARC (International Agency for Research on Cancer)	None of the ingredients is listed.
NTP (National Toxicology Program)	None of the ingredients is listed.
OSHA-Ca (Occupational Safety & Health Administration)	None of the ingredients is listed.

SECTION 12: Ecological information

12.1. Toxicity

Aquatic toxicity	No further relevant information available.
Persistence and degradability	No further relevant information available.

12.2. Behavior in environmental systems

Bioaccumulative potential	No further relevant information available.
Mobility in soil	No further relevant information available.

12.3. Additional ecological information

General notes	At present there are no ecotoxicological assessments.
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12.4. Results of PBT and vPvB assessment

PBT	Not applicable
vPvB	Not applicable

Other adverse effects	No further relevant information available.
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SECTION 13: Disposal considerations

Water treatment methods	Recommendation: Must be specially treated adhering to official regulations.
Uncleaned packaging's	Recommendation: Disposal must be made according to official regulations.

SECTION 14: Transport information

UN-Number DOT, ADN, IMDG, IATA	Not regulated
UN Proper shipping name DOT, ADN, IMDG, IATA	Not regulated
Transport hazard class(es) DOT, ADN, IMDG, IATA Class	Not regulated
Packing group DOT, IMDG, IATA	Not regulated
Environmental hazards	Not applicable
Special precautions for user	Not applicable
Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable
UN Model Regulation	Not regulated

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Sara Section 355 (extremely hazardous substances)	None of the ingredients is listed.
Section 313 (Specific toxic chemical listings)	None of the ingredients is listed.
TSCA (Toxic Substances Control Act)	None of the ingredients is listed.
Proposition 65 Chemicals known to cause cancer	None of the ingredients is listed.

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Chemicals known to cause reproductive toxicity for females	None of the ingredients is listed.
Chemicals known to cause reproductive toxicity for males	None of the ingredients is listed.
Chemicals known to cause developmental toxicity	None of the ingredients is listed.

15.2. (DSL) Canada Domestic Substance List

All components of this product are on the DSL (Canada Domestic Substance list) or are exempt from DSL requirements.

New Jersey Right-to-Know List

New Jersey Right-to-Know List	None of the ingredients is listed.
New Jersey Special Hazardous Substance List	None of the ingredients is listed.
Pennsylvania Right-to-Know List	None of the ingredients is listed.
Pennsylvania Special Hazardous Substance List	None of the ingredients is listed.

Carcinogenicity categories

EPA (Environmental Protection Agency)	None of the ingredients is listed.
TLV (Threshold Limit Value established by ACGIH)	None of the ingredients is listed.
MAK (German Maximum Workplace concentration)	None of the ingredients is listed.
NIOSH-Ca (National Institute for Occupational Safety and Health)	None of the ingredients is listed.

National regulations

Information about limitation of use	Use by properly trained workers recommended.
Water hazard class	Not determined.
Chemical safety assessment	A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

Department issuing SDS	Environment protection department
Abbreviations and acronyms	IMDG: International Maritime Code for Dangerous Goods DOT: US Department of Transportation IATA: International Air Transport Association ACGIH: American Conference of Governmental Industrial Hygienists EINECS: European Inventory of Existing Commercial Chemical Substances ELINCS: European List of Notified Chemical Substances CAS: Chemical Abstracts Service (division of the American Chemical Society) NFPA: National Fire Protection Association (USA) HMIS: Hazardous materials Identification system (USA) PBT: Persistent, Bio accumulative and Toxic vPvB: very Persistent and very Bio accumulative NIOSH: National Institute for Occupational Safety OSHA: Occupational Safety & Health TLV: Threshold Limit Value PEL: Permissible Exposure Limit REL: Recommended Exposure Limit

Although the information and recommendations set forth in this SDS are presented in good faith and are believed to be correct as of the date of this SDS, TRC Adhesives & Sealants makes no representations as to the completeness or accuracy thereof. Information is supplied on the condition that the persons receiving and using it will make their own determination as to the suitability for their purpose prior to use. In no event will TRC Adhesives & Sealants or any affiliate thereof be responsible for damages of any nature whatsoever resulting from the use or reliance on the information set forth in the SDS.