

PRODUCT NAME: ABRO Headlight Repair Tape

PRODUCT NUMBER/SIZE: WS-904-2-RE

Revision Date: 01/24/2017

SECTION 1 Identification of the Substance and of the Company/Undertaking

MANUFACTURER'S NAME: ABRO INDUSTRIES, INC.

ADDRESS: 3580 Blackthorn Court
South Bend, IN 46628
USA

PRODUCT DESCRIPTION: Sealant

COMPANY PHONE: 574-232-8289

EMERGENCY 24-HR TELEPHONE: Chemtrec: US/Canada 1-800-424-9300
International +1-703-527-3887

SECTION 2 Hazards Identification

Health	*	1
Flammability		1
Physical Hazard		0

Classification:

Carcinogenicity, Category 2 H351:
Eye Irritant, Category 2A H319:

Suspected of causing cancer
Causes serious eye irritation.

Label Pictogram(s):



Signal Word: Warning

Hazard Phrases: Causes serious eye irritation.
Suspected of causing cancer.

Precautionary Phrases: Wear eye protection/face protection.
Wash thoroughly after handling.
Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.

Response: If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF exposed or concerned: Get Medical

**Storage /
Disposal:**

advice/attention. IF eye irritation persists: Get medical advice/attention.
Store locked up. Dispose of contents/ container in accordance with
local/regional/national/international regulations.

Other:

Results of PBT and vPvB assessment:
PBT: not applicable
vPvB: not applicable

SECTION 3

Composition/Information on Ingredients

COMPONENTS	CAS Number	Percent by weight
Calcium Carbonate	471-34-1	10-25
Distillates (petroleum), hydrotreated heavy naphthenic	64742-52-5	5-20
Carbon black	1333-86-4	5-20
Asphalt	8052-42-4	5-20
Isobutylene-Isoprene Copolymer	9010-85-9	5-20
Talc (3mgO-4SiO ₂ -H ₂ O)	14807-96-6	5-20
Calcium Oxide	1305-78-8	<2.5
Residual Oils (petroleum), solvent- dewaxed	64742-62-7	<2.5

Additional Information:

It is highly unlikely the powders and pigments compounded within this product would pose a hazardous risk from inhalation as they are no longer a respirable particulate. Exposure to these ingredients as used in sealants, putties, bedding compounds and other non-sprayable products is highly unlikely. The concentration listed in the composition section are percent by weight unless a gas. Gas concentrations are express in percent by volume.

SECTION 4

First Aid Measures

First Aid Measures

After inhalation: Overexposure, remove to fresh air and seek medical attention.
After skin contact: Immediately wash with water and soap and rinse thoroughly.
After eye contact: Rinse opened eye for several minutes under running water.
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 5

Fire Fighting Measures

Extinguishing media:

Suitable extinguishing agents: CO₂, extinguishing powder or water spray. Fight larger fires with water spray.

Special hazards arising from the substance or mixture: No further relevant information available.

Advice for Firefighters:

Protective equipment: Protective clothing and respiratory protective device.

SECTION 6 Accidental Release Measures

Personal precautions, protective equipment and emergency procedures:

Not required

Environmental precautions:

No special measures required

Methods and materials 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 protection equipment.
See Section 13 for disposal information.

SECTION 7 Handling and Storage

Precautions for safe handling:

No special precautions are necessary if used correctly.

Information about protection against explosions and fires:

Store in cool dry area away from direct heat.

Conditions for safe storage:

Store in a cool location away from direct heat.

Information about storage in one common storage facility:

Store away from foodstuffs. Keep away from open flames and high temperatures.

Further information about storage conditions:

None

Specific end use(s)

No further relevant information available

SECTION 8 Exposure Controls/Personal Protection

· *Control parameters*

· *Components with limit values that require monitoring at the workplace:*

471-34-1 calcium carbonate

PEL Long-term value: 15* 5** mg/m³
*total dust **respirable fraction

REL Long-term value: 10* 5** mg/m³
*total dust **respirable fraction

TLV TLV withdrawn

8052-42-4 Asphalt	
REL	Ceiling limit value: 5* mg/m ³ *15-min; See Pocket Guide App. A
TLV	Long-term value: 0.5* mg/m ³ *inh. fraction; as benzene-soluble aerosol; BElp
14807-96-6 Talc (3MgO•4SiO₂•H₂O)	
PEL	Long-term value: 20 mppcf ppm (containing <1% Quartz)
REL	Long-term value: 2* mg/m ³ *respirable dust
1305-78-8 calcium oxide	
PEL	Long-term value: 5 mg/m ³
REL	Long-term value: 2 mg/m ³
TLV	Long-term value: 2 mg/m ³
Ingredients with biological limit values:	
8052-42-4 Asphalt	
BEI	- Medium: urine Time: end of shift at end of workweek Parameter: 1-Hydroxypyrene with hydrolysis (nonquantitative)

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

Exposure controls

Personal protective equipment (see listings below):

General protective and hygienic measures: Avoid contact with the eyes and skin.

Breathing equipment: Not required

Protection of hands: The glove material has to be impermeable and resistant to the product/the substance/the preparation.

Material of gloves: The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

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: Safety glasses with side shields

Body protection: Protective work clothing

SECTION 9 Physical and Chemical Properties

Appearance:

Form:	Solid
Color:	Black
Odor:	Petrol-like
Odor threshold:	Not determined
pH value:	Not applicable
Melting point:	Undetermined
Flash point:	163°C (325
Flammability:	Not determined
Ignition Temperature:	
Decomposition temp:	Not determined

Auto igniting:	Product is not selfigniting
Danger of explosion:	Product does not present an explosion hazard
Vapor pressure:	Not applicable
Specific gravity at 20°C (68°F)	1.4g/cm ³ (11.683 lbs/gal)
Relative density:	Not determined
Vapour density:	Not applicable
Evaporation rate:	Not applicable
Solubility in/Miscibility with water:	Insoluble
Partition coefficient (n-octanol/water)	Not determined
Viscosity:	
Dynamic:	Not applicable
Kinematic:	Not applicable
Solvent content:	
Organic solvents:	<2%
Solids content:	98.8%
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.
Conditions to avoid:	No further relevant information available
Incompatible Materials:	No Data Available.
Hazardous decomposition products:	No dangerous decomposition products known.

SECTION 11 Toxicological Information

Information on toxicological effects
Acute toxicity:
Primary irritant effect:
On the skin: may irritate the skin
On the eye: may irritate the eye
Sensitization: no sensitizing effects known

Additional toxicological information:
Carcinogenic categories

IARC		
1333-86-4	Carbon Black	2B
8052-42-4	Asphalt	2B

NTP
None of the ingredients listed

OSHA-Ca
None of the ingredients listed

SECTION 12 Ecological Information

Toxicity

Aquatic Toxicity: not expected to be harmful to aquatic organisms

Persistence and degradability: No further relevant information available

Behavior in environmental systems:

Bioaccumulative potential: No further relevant information available

Mobility in soil: No further relevant information available

Additional ecological information:

General notes: Generally not hazardous for water

Results of PBT and vPvB assessment

PBT: Not applicable

vPvB: Not applicable

Other adverse effects: No further information available

SECTION 13 Disposal Considerations

Waste treatment methods

Recommendation: Smaller quantities can be disposed of with household waste

Uncleaned packaging:

Recommendation:

Disposal must be according to official regulations

This product if disposed or in the purchased form is not considered RCRA hazardous.

SECTION 14 Transport Information

Multi-modal shipping descriptions are provided for informational purposes and do not consider container sizes. The presence of a shipping description for a particular mode of transport (ocean, air, etc.), does not indicate that the product is packaged suitably for that mode of transport. All packaging must be reviewed for suitability prior to shipment, and compliance with the applicable regulations is the sole responsibility of the person offering the product for transport.

DOT

Not dangerous goods

IATA

Not dangerous goods

IMDG

Not dangerous goods

Special precautions for user

No data available

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15 Regulatory Information

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

Sara Section 335:

None of the ingredients listed

Section 313:

None of the ingredients are listed

TSCA:

All components of this product are on the TSCA inventory requirements

Proposition 65

Chemicals known to cause cancer:

1333-86-4 Carbon Black

Chemicals known to cause reproductive toxicity:

None of the ingredients listed

DSL Canada Domestic Substance List

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

Carcinogenicity categories

· <i>EPA (Environmental Protection Agency)</i>		
None of the ingredients is listed.		
· <i>TLV (Threshold Limit Value established by ACGIH)</i>		
1333-86-4	Carbon black	A4
8052-42-4	Asphalt	A4
14807-96-6	Talc (3MgO•4SiO2•H2O)	A4
· <i>MAK (German Maximum Workplace Concentration)</i>		
1333-86-4	Carbon black	3B
8052-42-4	Asphalt	2
14807-96-6	Talc (3MgO•4SiO2•H2O)	3B
· <i>NIOSH-Ca (National Institute for Occupational Safety and Health)</i>		
1333-86-4	Carbon black	
8052-42-4	Asphalt	

National regulations:

Water hazard class: Generally not hazardous for water

Chemical safety assessment: A chemical safety assessment has not been carried out.

SECTION 16 Other Information

We believe all information given is accurate. It is offered in good faith but without guarantee. Since conditions of use are beyond our control, user assumes all responsibility and risk.

The supplier disclaims all expressed or implied warranties of merchantability or fitness for a specific use, with respect to the product or the information provided herein, except for conformation to contracted specifications. All information appearing herein is based upon data obtained from manufacturers and/or recognized technical sources. While the information is believed to be accurate, we make no representations as to its accuracy or sufficiency. Conditions of use are beyond our control, and therefore users are responsible for verifying the data under their own operating conditions to determine whether the product is suitable for their particular purposes and they assume all risks of their use, handling, and disposal of the product. Users also assume all risks in regards to the publication or use of, or reliance

upon, information contained herein. This information relates only to the product designated herein, and does not relate to its use in combination with any other material or process.

ABBREVIATIONS:

NG="NOT GIVEN"

<="LESS THAN"

ND = Not Determined

BT="BETWEEN"

>="GREATER THAN"

NA = Not Applicable