

Radians, Inc.
SAFETY DATA SHEET

1. PRODUCT IDENTIFICATION

TRADE NAME: GT6358A
OTHER MEANS OF IDENTIFICATION:
RECOMMENDED USE OF PRODUCT: A-side for Custom Molded Earplugs
SUPPLIER'S DETAILS: Radians, Inc.
5305 Distriplex Farms Dr.
Memphis, TN 38141
Telephone: (877) 723-4267
(901) 388-7776
Fax: (901) 266-2558

EMERGENCY CONTACT: Not Available

2. HAZARDS IDENTIFICATION

CLASSIFICATION OF THE GHS

PHYSICAL HAZARDS Not Classified
HEALTH HAZARDS Skin Irritation/Corrosion – Category 3
Serious Eye Damage/Eye Irritation – Category 3
ENVIRONMENTAL HAZARDS Not Classified

GHS LABEL ELEMENTS

PICTOGRAMS None
SIGNAL WORDS Warning
HAZARD STATEMENTS H316 - Causes Mild Skin Irritation
H320 - Causes Eye Irritation

PRECAUTIONARY STATEMENTS

[PREVENTION] P280: Wear protective gloves/protective clothing/eye protection/face protection.

[RESPONSE] P305+P351+P338: IF IN EYES – Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313-If eye irritation persists: Get medical advice/attention.
P264-Wash hands thoroughly after handling.
P332+P313-If skin irritation occurs: Get medical advice/attention.

[STORAGE] P403+P235-Store in a well-ventilated place. Keep cool.
P403+P235-Store in a well-ventilated place. Keep cool.

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CLEAN UP: Scrape up and disposed of in accordance with appropriate laws and regulations.

7. HANDLING AND STORAGE

HANDLING: Wear protective equipment; Avoid contact with skin and eyes.

STORAGE: Keep container tightly closed. Store in a cool, dry place. Keep away from oxidizing material.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

EXPOSURE LIMITS:

<i>Hazardous Ingredient</i>	<i>CAS#</i>	<i>Limit/Set by</i>
silane, dimethyldichloro-, reaction product with silica	068611-44-9	3mg/m ³ (respirable dust) TWA/ACGIH

ENGINEERING CONTROLS: None Available

PERSONAL PROTECTIVE EQUIPMENT:

<i>RESPIRATORY PROTECTION:</i>	No required under normal use
<i>HAND PROTECTION</i>	Protective gloves
<i>EYE PROTECTION</i>	Wear safety glasses or goggles. Face shield if situation requires
<i>SKIN AND BODY PROTECTION</i>	Protective clothing if situation requires

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE:	Putty
ODOR:	No Odor
ODOR THRESHOLD:	Not Available
pH:	Not Available
MELTING POINT:	Not Available
BOILING POINT RANGE:	Not Applicable, will decompose before it will boil
FLASH POINT:	>205°F (Setaflash)
EVAPORATION RATE:	Not Available
FLAMMABILITY(solid/gas):	Not Available
EXPLOSION LIMITS:	
<i>UPPER</i>	Not Available
<i>LOWER</i>	Not Available
VAPOR PRESSURE:	<0.1mbar @ 68°F
VAPOR DENSITY:	All vapors are denser than air
RELATIVE DENSITY:	1.1-1.2 g/mL
SOLUBILITY:	Not soluble in water
PARTITION COEFFICIENT: N-OCTANOL/WATER:	Not Available
AUTO-IGNITION TEMPERATURE:	Not Available
DECOMPOSITION TEMPERATURE:	>150°C
VISCOSITY:	Not Available

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10. STABILITY AND REACTIVITY

REACTIVITY:	Product is designed to react with its B-side, which contains silicon hydrogen
CHEMICAL STABILITY:	Stable in the absence of contamination
HAZARDOUS REACTIONS:	None
CONDITIONS TO AVOID:	Avoid contact with strong acids, alkalis, or strong oxidizers.
HAZARDOUS DECOMPOSITION PRODUCTS:	Hazardous combustion gases of Carbon dioxide(CO ₂), Carbon Monoxide(CO), SiO ₂ , Contact with acids or bases releases flammable hydrogen gas. Product contains silicone, which is known to produce formaldehyde when temperatures reach in excess of 150°C. Formaldehyde is a known skin, eye, and throat irritant as well as a potential cancer hazard
INCOMPATIBILITY:	Acids, Alkalis, Strong Oxidizers

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY:	Not Available
SKIN CORROSION/IRRITATION:	Not Available
EYE DAMAGE/IRRITATION:	Not Available
RESPIRATORY OR SKIN SENSITATION:	Not Available
GERM CELL MUTAGENICITY:	Not Available
CARCINOGENICITY:	Not Available
REPRODUCTIVE TOXICITY:	Not Available
STOST- SINGLE EXPOSURE:	Not Available
STOST- REPEATED EXPOSURE:	Not Available
ASPIRATION HAZARD:	Not Available

12. ECOLOGICAL INFORMATION

ECOTOXICITY:	Do not allow to enter soil, waterways or waste water canal. It is not allowed to be released into biological sewage treatment plants. Ecological data is not available.
PERSISTENCE/DEGRADABILITY:	Not Available
BIOACCUMULATIVE POTENTIAL:	Not Available
MOBILITY IN SOIL:	Not Available

13. DISPOSAL CONSIDERATIONS

Recycle to process, if possible. Consult your local regional authorities. You may be able to burn in a chemical incinerator equipped with an afterburner and scrubber system. Observe all federal, state and local regulations when disposing of the substance.

14. TRANSPORT INFORMATION

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UN/NA Number: Not Regulated

DOT SHIPPING NAME: Not Regulated

DOT HAZARD CLASS: Not Regulated

IMDG – P.S.N.: Not Regulated

IMDG – CLASS: Not Regulated

IMDG – PACKING GROUP: Not Regulated

IMDG – Marine Pollutant: Not Regulated

IATA - P.S.N.: Not Regulated

IATA - CLASS: Not Regulated

IATA – PACKING GROUP: Not Regulated

This product and its ingredients are NOT considered dangerous goods according to the **UN Model Regulations, ADR, RID, and the ADN.**

15. REGULATORY INFORMATION

US REGULATIONS

US SARA REPORTING REQUIREMENTS: The components of this product are subject to the reporting requirements of Section 302, 304, and 313 of Title III of the Superfund Amendments and Reauthorization Act, and are listed as follows:

<i>Hazardous Ingredient</i>	<i>SARA 302 (40 CFR 355, Appendix A)</i>	<i>SARA 304 (40 CFR Table 302.4)</i>	<i>SARA 313 (40 CFR 372.65)</i>
silane, dimethyldichloro-, reaction product with silica	No	No	No

U.S. SARA THRESHOLD PLANNING QUANTITY: There are no specific Threshold Planning Quantities for the components of this product. The default Federal MSDS submission and inventory requirement filing threshold of 10,000 lbs(4,540 kg) therefore applies, per 40 CFR 370.20

U.S. CERCLA REPORTABLE QUANTITY (RQ): None

SARA 311/312(40 CFR 370) HAZARDS: Acute: No, Chronic: No, Fire: No, Pressure: No

CALIFORNIA, (PROPOSITION 65): Neither this product nor its ingredients are listed

TSCA INVENTORY STATUS: These materials or all of their contents are listed on the Toxic Substances Control Act (TSCA).

CANADIAN REGULATIONS

CANADIAN DSL/NDSL INVENTORY: The components of this product are on the DSL or NDSL Inventories.

CANADIAN WHMIS CLASSIFICATION: None

CANADIAN INGREDIENT DISCLOSURE LIST: No components listed

EUROPEAN ECONOMIC COMMUNITY INFORMATION

EU CLASSIFICATION: [Xi] Irritant

EU RISK PHRASES: R38: Irritating to skin, R41: Risk of serious damage to eyes

EU SAFETY PHRASES: S2: Keep out of the reach of children, S7/8: Keep container tightly closed and dry, S24/25: Avoid contact with skin and eyes, S27/28: After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water, S29/35: Do not empty into drains; dispose of this material and its container in a safe way, S36/37/39: Wear suitable protective clothing, gloves

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and eye/face protection, S62: If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label where possible



Hazardous Ingredients

EINECS#

silane, dimethyldichloro-, reaction
product with silica

271-893-4

AUSTRALIAN REGULATIONS

AUSTRALIAN INVENTORY OF CHEMICAL SUBSTANCES(AICS) STATUS: The components of this product are listed on the AICS

HAZARDOUS SUBSTANCES INFORMATION SYSTEM: No components of this product are listed by the Hazardous Substances Information System as a Hazardous Substance

KOREAN REGULATIONS

KOREAN INVENTORY: The components of this product are listed or exempted.

16. OTHER INFORMATION

HMIS Rating: Health-1, Fire-0, Reactive-0

The ingredient, silane, dimethyldichloro-, reaction product with silica, is considered a nuisance dust. This ingredient is wetted out with various fluids to where it is incapable of becoming airborne under normal use conditions of this product.

Because the product is a mixture, the majority of the data used was transferred from the safety data sheets of the product's hazardous ingredients, whose manufacturer identity we wish to remain anonymous for competitive reasons.

We believe the above information is correct as of the date of this MSDS. However, as this information and the conditions under which the product are used are beyond the control of RADIANS, INC. , it is the user's obligation to determine the conditions for the safe use of the product. No warranty, expressed or implied, is hereby made.

Date Created/Revised: 4/10/13

Made By: Daniel Shaw