

## SAFETY DATA SHEET

in accordance with REACH (1907/2006/EC, as amended by 2020/878/EU)

Revision date: 15 February 2024      Date of previous issue: 4 November 2023      SDS No. 472B-2

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

#### 1.1. Product identifier

ARC S5 (Part B)

**Unique Formula Identifier (UFI):** 3X25-7V76-39FK-755S

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

**Relevant identified uses:** Combined with ARC S5 (Part A), for use as a thin film coating on properly prepared surfaces for high temperature applications.

**Uses advised against:** No information available

**Reason why uses advised against:** Not applicable

#### 1.3. Details of the supplier of the safety data sheet

**Company:**

A.W. CHESTERTON COMPANY  
860 Salem Street  
Groveland, MA 01834-1507, USA  
Tel. +1 978-469-6446 Fax: +1 978-469-6785  
(Mon. - Fri. 8:30 - 5:00 PM EST)  
SDS requests: [www.chesterton.com](http://www.chesterton.com)  
E-mail (SDS questions): [ProductSDSs@chesterton.com](mailto:ProductSDSs@chesterton.com)  
E-mail: [customer.service@chesterton.com](mailto:customer.service@chesterton.com)

**Supplier:**

EU: Chesterton International GmbH, Am Lenzenfleck 23,  
D85737 Ismaning, Germany – Tel. +49-89-996-5460

#### 1.4. Emergency telephone number

24 hours per day, 7 days per week  
Call Infotrac: +1 352-323-3500 (collect)

### SECTION 2: HAZARDS IDENTIFICATION

#### 2.1. Classification of the substance or mixture

##### 2.1.1. Classification according to Regulation (EC) No 1272/2008 [CLP]

Acute toxicity, Category 4, H302/312/332  
Skin corrosion, Category 1A, H314  
Serious eye damage, Category 1, H318  
Skin sensitization, Category 1, H317  
Specific target organ toxicity – single exposure, Category 3, H335  
Hazardous to the aquatic environment, Chronic, Category 3, H412

##### 2.1.2. Additional information

For full text of H-statements: see SECTIONS 2.2 and 16.

#### 2.2. Label elements

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

**Hazard pictograms:**



**Signal word:**

Danger

<b>Hazard statements:</b>	H302/312/332	Harmful if swallowed, in contact with skin or if inhaled.
	H314	Causes severe skin burns and eye damage.
	H317	May cause an allergic skin reaction.
	H335	May cause respiratory irritation.
	H412	Harmful to aquatic life with long lasting effects.
<b>Precautionary statements:</b>	P260	Do not breathe mist/vapours.
	P264	Wash skin thoroughly after handling.
	P273	Avoid release to the environment.
	P280	Wear protective gloves/clothing and eye/face protection.
	P301/330/331	IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
	P303/361/353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
	P305/351/338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
	P310	Immediately call a POISON CENTER or doctor.
	P333/313	If skin irritation or rash occurs: Get medical advice/attention.
	P363	Wash contaminated clothing before reuse.
	P403/233	Store in a well-ventilated place. Keep container tightly closed.
<b>Supplemental information:</b>	None	

**2.3. Other hazards**

The safety and health hazards are detailed separately for Part A and Part B. The final cured material is considered nonhazardous. Upon machining, refer to the precautions in the safety data sheets for Part A and Part B.

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS****3.2. Mixtures**

Hazardous Ingredients <sup>1</sup>	% Wt.	CAS No./ EC No.	REACH Reg. No.	CLP Classification	SCL, M-factor, ATE
1,2-Cyclohexanediamine	85-95	694-83-7 211-776-7	NA	Acute Tox. 4, H302/312/332 Skin Corr. 1A, H314 Eye Dam. 1, H318 STOT SE 3, H335	ATE (oral): 1,170 mg/kg ATE (dermal): 1,870 mg/kg ATE (inhalation, mist): 1.5 mg/l
4,4'-Methylenebis(cyclohexylamine)	1-7	1761-71-3 217-168-8	NA	Acute Tox. 4, H302 Skin Corr. 1B, H314 Eye Dam. 1, H318 Skin Sens. 1B, H317 STOT RE 2, H373 (liver, muscles)	ATE (oral): 625 mg/kg ATE (dermal): 2,110 mg/kg
3-Aminomethyl-3,5,5-trimethylcyclohexylamine	1-7	2855-13-2 220-666-8	NA	Acute Tox. 4, H302 Skin Corr. 1B, H314 Eye Dam. 1, H318 Skin Sens. 1A, H317 Aquatic Chronic 3, H412	Skin Sens. 1A, H317: C ≥ 0.001 % ATE (oral): 1,030 mg/kg ATE (dermal): > 2,000 mg/kg 43275 mg/l
Diethylmethylbenzenediamine	1-<2.5	68479-98-1 270-877-4	NA	Acute Tox. 4, H302/312 Eye Irrit. 2, H319 STOT RE 2, H373 (pancreas) Aquatic Acute 1, H400 Aquatic Chronic 1, H410	M-factor acute/chronic = 1 ATE (oral): 485 mg/kg ATE (dermal): 1,100 mg/kg

For full text of H-statements: see SECTION 16.

<sup>1</sup> Classified according to: 1272/2008/EC, REACH

**SECTION 4: FIRST AID MEASURES****4.1. Description of first aid measures**

- Inhalation:** Remove to fresh air. If not breathing, administer artificial respiration. Contact physician.
- Skin contact:** Flood area with water while removing contaminated clothing. Wash clothing before reuse. Contact physician immediately.
- Eye contact:** Flush eyes for at least 15 minutes with large amounts of water. Remove contact lenses, if present and easy to do. Continue rinsing. Contact physician immediately.
- Ingestion:** Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. Contact physician immediately.
- Protection of first-aiders:** No action shall be taken involving any personal risk or without suitable training. Avoid contact with the product while providing aid to the victim. Do not breathe mist/vapours. See section 8.2.2 for recommendations on personal protective equipment.

**4.2. Most important symptoms and effects, both acute and delayed**

Causes severe skin burns and eye damage. High vapor concentrations and mist can cause severe eye and respiratory tract irritation. May cause skin sensitization as evidenced by rashes or hives. If ingested, severe burns of the mouth and throat, as well as a danger of perforation of the oesophagus and the stomach.

**4.3. Indication of any immediate medical attention and special treatment needed**

Treat symptoms.

**SECTION 5: FIREFIGHTING MEASURES****5.1. Extinguishing media**

**Suitable extinguishing media:** Carbon dioxide, dry chemical, foam, water spray

**Unsuitable extinguishing media:** Water jets

**5.2. Special hazards arising from the substance or mixture**

**Hazardous combustion products:** May generate: ammonia gas, toxic nitrogen oxide gases, carbon monoxide. Burning produces noxious and toxic fumes.

**Other hazards:** Vapors may travel considerable distance to a source of ignition and flash back.

**5.3. Advice for firefighters**

Cool exposed containers with water. Recommend Firefighters wear self-contained breathing apparatus and complete fire service protective equipment.

**SECTION 6: ACCIDENTAL RELEASE MEASURES****6.1. Personal precautions, protective equipment and emergency procedures**

Evacuate area. Provide adequate ventilation. Avoid skin contact. Utilize exposure controls and personal protection as specified in Section 8. Keep away from sources of ignition. If removal of ignition sources is not possible, then flush material away with water.

**6.2. Environmental Precautions**

Keep out of sewers, streams and waterways.

**6.3. Methods and material for containment and cleaning up**

Contain spill to a small area. Pick up with absorbent material (sand, sawdust, clay, etc.) and place in a suitable container for disposal.

**6.4. Reference to other sections**

Refer to section 13 for disposal advice.

**SECTION 7: HANDLING AND STORAGE****7.1. Precautions for safe handling**

Do not breathe vapours/spray. Use only outdoors or in a well-ventilated area. Utilize exposure controls and personal protection as specified in Section 8. When using, do not eat, drink or smoke. Wash hands thoroughly after handling. Keep away from flames and hot surfaces. Do not contaminate with sodium nitrite or other nitrosating agents, which could cause the formation of cancer-causing nitrosamine. Remove contaminated clothing immediately. Wash clothing before reuse. Contaminated leather including shoes cannot be decontaminated and should be discarded. Avoid creating and breathing dust during removal, drilling, grinding, sawing or sanding.

**7.2. Conditions for safe storage, including any incompatibilities**

Keep container tightly closed. Store in a cool, dry and well-ventilated area. Keep from freezing. Do not store near food or feed.

**7.3. Specific end use(s)**

No special precautions.

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION****8.1. Control parameters****Occupational exposure limit values****Ingredients**

Ingredients	ACGIH TLV <sup>1</sup>		UK WEL <sup>2</sup>	
	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
1,2-Cyclohexanediamine	N/A	N/A	N/A	N/A
4,4'-Methylenebis(cyclohexylamine)	N/A	N/A	N/A	N/A
3-Aminomethyl-3,5,5-trimethylcyclohexylamine	N/A	N/A	N/A	N/A
Diethylmethylbenzenediamine	N/A	N/A	N/A	N/A

<sup>1</sup> American Conference of Governmental Industrial Hygienists threshold limit values<sup>2</sup> EH40 Workplace exposure limits, Health & Safety Executive**Biological limit values**

No biological exposure limits noted for the ingredient(s).

**Derived No Effect Level (DNEL) according to Regulation (EC) No 1907/2006:****Workers** (Source: GESTIS)

Substance	Route of exposure	Potential health effects	DNEL
1,2-Cyclohexanediamine	Inhalation	Chronic effects, local	0.27 mg/m <sup>3</sup>
4,4'-Methylenebis(cyclohexylamine)	Inhalation	Chronic effects, systemic	0.13 mg/m <sup>3</sup>
3-Aminomethyl-3,5,5-trimethylcyclohexylamine	Inhalation	Chronic effects, local	0.073 mg/m <sup>3</sup>
Diethylmethylbenzenediamine	Inhalation	Chronic effects, systemic	0.13 mg/m <sup>3</sup>

**Predicted No Effect Concentration (PNEC) according to Regulation (EC) No 1907/2006:**

Not available

**8.2. Exposure controls****8.2.1. Engineering measures**

Use only in well-ventilated areas. If necessary, provide local exhaust. If it is necessary to alter the final cured product such that dust may be generated, use adequate dust extraction or damp down.

**8.2.2. Individual protection measures**

**Respiratory protection:** Use positive pressure, supplied-air respirators if there is a potential for uncontrolled release, if exposure levels are unknown, or under circumstances where air-purifying respirators may not provide adequate protection.

**Protective gloves:** Chemical resistant gloves (e.g., nitrile rubber, butyl rubber, neoprene, PVC)

**Eye and face protection:** Full face shield with goggles underneath.

**Other:** Impervious clothing as necessary to prevent skin contact.

**8.2.3. Environmental exposure controls**

Refer to sections 6 and 12.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES****9.1. Information on basic physical and chemical properties**

<b>Physical state</b>	viscous liquid	<b>pH</b>	not applicable
<b>Colour</b>	light brown	<b>Kinematic viscosity</b>	10.3 cSt @ 25°C
<b>Odour</b>	amine	<b>Solubility in water</b>	miscible
<b>Odour threshold</b>	not determined	<b>Partition coefficient n-octanol/water (log value)</b>	not applicable
<b>Boiling point or range</b>	191°C (376°F)	<b>Vapour pressure @ 20°C</b>	51.6 Pa @ 20°C
<b>Melting point/freezing point</b>	not determined	<b>Density and/or relative density</b>	0.97 kg/l
<b>% Volatile (by volume)</b>	none	<b>Vapour density (air=1)</b>	> 1
<b>Flammability</b>	not determined	<b>Rate of evaporation (ether=1)</b>	< 1
<b>Lower/upper flammability or explosion limits</b>	not determined	<b>% Aromatics by weight</b>	none
<b>Flash point</b>	70°C (158°F)	<b>Particle characteristics</b>	not applicable
<b>Method</b>	component data	<b>Explosive properties</b>	not determined
<b>Autoignition temperature</b>	340°C (644°F)	<b>Oxidising properties</b>	not determined
<b>Decomposition temperature</b>	>300°C (>572°F)		

**9.2. Other information**

None

**SECTION 10: STABILITY AND REACTIVITY****10.1. Reactivity**

Refer to sections 10.3 and 10.5.

**10.2. Chemical stability**

Stable under normal conditions.

**10.3. Possibility of hazardous reactions**

No dangerous reactions known under conditions of normal use.

**10.4. Conditions to avoid**

Open flames, heat, sparks and red hot surfaces.

**10.5. Incompatible materials**

Strong acids and strong oxidizers like liquid Chlorine and concentrated Oxygen. Reaction with peroxides may result in violent decomposition of peroxide possibly creating an explosion. Do not contaminate with sodium nitrite or other nitrosating agents.

**10.6. Hazardous decomposition products**

Nitric acid, NOx, Ammonia, Carbon Monoxide, Carbon Dioxide, nitrosamines and other toxic fumes.

**SECTION 11: TOXICOLOGICAL INFORMATION****11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008**

**Primary route of exposure under normal use:** Inhalation, skin and eye contact. Personnel with pre-existing allergies and skin and eye disorders may be aggravated by exposure.

**Acute toxicity -****Oral:**

Harmful if swallowed. ATE-mix = 1053.7 mg/kg. If ingested, severe burns of the mouth and throat, as well as a danger of perforation of the oesophagus and the stomach.

Substance	Test	Result
1,2-Cyclohexanediamine	LD50, rat	1,170 mg/kg
4,4'-Methylenebis(cyclohexylamine)	LD50, rat	625 mg/kg
3-Aminomethyl-3,5,5-trimethylcyclohexylamine	LD50, rat	1,030 mg/kg
Diethylmethylbenzenediamine	LD50, rat	485 mg/kg

**Dermal:**

Harmful in contact with skin. ATE-mix = 1814.3 mg/kg.

Substance	Test	Result
1,2-Cyclohexanediamine	LD50, rat	1,870 mg/kg
4,4'-Methylenebis(cyclohexylamine)	LD50, rabbit	2,110 mg/kg
3-Aminomethyl-3,5,5-trimethylcyclohexylamine	LD50, rabbit	> 2,000 mg/kg
Diethylmethylbenzenediamine	cATpE	1,100 mg/kg

**Inhalation:**

Harmful if inhaled (aerosol/mist). ATE-mix = 1.36 mg/l (aerosol/mist).

Substance	Test	Result
1,2-Cyclohexanediamine	LCLo, rat, 4 h	3.2 mg/l (mist/vapor)
1,2-Cyclohexanediamine	LC50, rat, 4 h	1.225 (mist/vapor, analytical, similar material)
3-Aminomethyl-3,5,5-trimethylcyclohexylamine	LC50, rat, 4 h	> 5.01 mg/l (mist, analytical)
Diethylmethylbenzenediamine	LC50, rat, 1 h	> 2.45 mg/l (mist)

**Skin corrosion/irritation:**

Causes severe burns.

Substance	Test	Result
3-Aminomethyl-3,5,5-trimethylcyclohexylamine	Skin irritation, rabbit	Corrosive

**Serious eye damage/irritation:**

Causes serious eye damage.

Substance	Test	Result
1,2-Cyclohexanediamine	Eye irritation, rabbit	Corrosive
3-Aminomethyl-3,5,5-trimethylcyclohexylamine	Eye irritation, rabbit (OECD 405)	Corrosive

**Respiratory or skin sensitisation:**

May cause skin sensitization as evidenced by rashes or hives.

Substance	Test	Result
3-Aminomethyl-3,5,5-trimethylcyclohexylamine	Skin sensitization, guinea pig (OECD 406)	Sensitizing

**Germ cell mutagenicity:**

1,2-Cyclohexanediamine, 3-Aminomethyl-3,5,5-trimethylcyclohexylamine: based on available data, the classification criteria are not met.

**Carcinogenicity:**

This product contains no carcinogens as listed by the International Agency for Research on Cancer (IARC) or the European Chemicals Agency (ECHA).

**Reproductive toxicity:**

3-Aminomethyl-3,5,5-trimethylcyclohexylamine: not expected to cause toxicity.

**STOT – single exposure:**

May cause respiratory irritation.

**STOT – repeated exposure:**

4,4'-Methylenebis(cyclohexylamine) : may cause damage to organs through prolonged or repeated exposure if swallowed (liver, muscles). Diethylmethylbenzenediamine: NOEL, pancreas , 2 years, rat, male - 35 ppm; female - 70 ppm. 1,2-Cyclohexanediamine, 3-Aminomethyl-3,5,5-trimethylcyclohexylamine: not expected to cause organ damage from prolonged or repeated exposure.

**Aspiration hazard:**

Not classified due to lack of data.

**11.2. Information on other hazards**

None known

**SECTION 12: ECOLOGICAL INFORMATION**

Ecotoxicological data have not been determined specifically for this product. The information given below is based on a knowledge of the components and the ecotoxicology of similar substances.

**12.1. Toxicity**

Harmful to aquatic life with long lasting effects. Diethylmethylbenzenediamine: 48 h EC50 (for daphnia) = 0.5 mg/l; 48 h LC50 (Leuciscus idus) = 194 mg/l.

**12.2. Persistence and degradability**

Unreacted components (Parts A and B), improperly released to the environment, can cause ground and water pollution. 1,2-Cyclohexanediamine: readily biodegradable (OECD 301D, 17 days). 4,4'-Methylenebis(cyclohexylamine) , Diethylmethylbenzenediamine: expected to be resistant to biodegradation.

**12.3. Bioaccumulative potential**

4,4'-Methylenebis(cyclohexylamine) : low potential for bioaccumulation (bioconcentration factor &lt; 100, estimated). 1,2-Cyclohexanediamine: bioconcentration in aquatic organisms is not expected to be significant (log Kow &lt; -0.9, OECD 107).

**12.4. Mobility in soil**

Liquid. Miscible in water. In determining environmental mobility, consider the product's physical and chemical properties (see Section 9).

**12.5. Results of PBT and vPvB assessment**

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

**12.6. Endocrine disrupting properties**

None known

**12.7. Other adverse effects**

None known

**SECTION 13: DISPOSAL CONSIDERATIONS****13.1. Waste treatment methods**

Combine resin and curative. The final cured material is considered nonhazardous. Unreacted components are a special waste. Incinerate waste product when in liquid form with a properly licensed facility. The unhardened product is classified as a hazardous waste according to 2008/98/EC. Check local, state and national/federal regulations and comply with the most stringent requirement.

**SECTION 14: TRANSPORT INFORMATION****14.1. UN number or ID number**

**ADR/RID/ADN/IMDG/ICAO:** UN2735

**14.2. UN proper shipping name**

**ADR/RID/ADN/IMDG/ICAO:** AMINES, LIQUID, CORROSIVE, N.O.S.  
(1,2-DIAMINOCYCLOHEXANE /4,4'-METHYLENEBISCYCLOHEXANAMINE,METHYLIMIDAZOLE, 1-)

**14.3. Transport hazard class(es)**

**ADR/RID/ADN/IMDG/ICAO:** 8

**14.4. Packing group**

**ADR/RID/ADN/IMDG/ICAO:** II

**14.5. Environmental hazards**

NO ENVIRONMENTAL HAZARDS

**14.6. Special precautions for user**

NO SPECIAL PRECAUTIONS FOR USER

**14.7. Maritime transport in bulk according to IMO instruments**

NOT APPLICABLE

**14.8. Other information**

**IMDG:** EMS F-A, S-B, IMDG SEGREGATION GROUP 18-ALKALIS

**ADR:** CLASSIFICATION CODE C7, TUNNEL RESTRICTION CODE (E)

MAY BE SHIPPED AS A LIMITED QUANTITY IN PACKAGING HAVING A RATED CAPACITY GROSS WEIGHT OF 30KG (66 LBS.) OR LESS AND IN INNER PACKAGES NOT OVER 1 LITER (ADR 3.4.1, ADR 3.4.2)

**SECTION 15: REGULATORY INFORMATION****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****15.1.1. EU regulations**

**Authorisations under Title VII:** Not applicable

**Restrictions under Title VIII:** None

**Other EU regulations:** Directive 94/33/EC on the protection of young people at work.

**15.1.2. National regulations**

National implementation of the EC Directive referred to in section 15.1.1.

**15.2. Chemical safety assessment**

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

**SECTION 16: OTHER INFORMATION**

**Abbreviations and acronyms:** ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways  
 ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road  
 ATE: Acute Toxicity Estimate  
 BCF: Bioconcentration Factor  
 cATpE: Converted Acute Toxicity point Estimate  
 CLP: Classification Labelling Packaging Regulation (1272/2008/EC)  
 ICAO: International Civil Aviation Organization  
 IMDG: International Maritime Dangerous Goods  
 LC50: Lethal Concentration to 50 % of a test population  
 LD50: Lethal Dose to 50% of a test population  
 LOEL: Lowest Observed Effect Level  
 N/A: Not Applicable  
 NA: Not Available  
 NOEC: No Observed Effect Concentration  
 NOEL: No Observed Effect Level  
 OECD: Organization for Economic Co-operation and Development  
 PBT: Persistent, Bioaccumulative and Toxic substance  
 (Q)SAR: Quantitative Structure-Activity Relationship  
 REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (1907/2006/EC)  
 REL: Recommended Exposure Limit  
 RID: Regulations concerning the International Carriage of Dangerous Goods by Rail  
 SCL: Specific Concentration Limit  
 SDS: Safety Data Sheet  
 STEL: Short Term Exposure Limit  
 STOT RE: Specific Target Organ Toxicity, Repeated Exposure  
 STOT SE: Specific Target Organ Toxicity, Single Exposure  
 TDG: Transportation of Dangerous Goods (Canada)  
 TWA: Time Weighted Average  
 US DOT: United States Department of Transportation  
 vPvB: very Persistent and very Bioaccumulative substance  
 WEL: Workplace Exposure Limit  
 Other abbreviations and acronyms can be looked up at [www.wikipedia.org](http://www.wikipedia.org).

**Key literature references and sources for data:** Commission des normes, de l'équité, de la santé et de la sécurité du travail (CNESST)  
 Chemical Classification and Information Database (CCID)  
 European Chemicals Agency (ECHA) - Information on Chemicals  
 Hazardous Chemical Information System (HCIS)  
 National Institute of Technology and Evaluation (NITE)  
 Swedish Chemicals Agency (KEMI)  
 U.S. National Library of Medicine Toxicology Data Network (TOXNET)

**Procedure used to derive the classification for mixtures according to Regulation (EC) No 1272/2008 [CLP]:**

Classification	Classification procedure
Acute Tox. 4, H302/312/332	Calculation method
Skin Corr. 1B, H314	Calculation method
Eye Dam. 1, H318	Calculation method
Skin Sens. 1, H317	Calculation method
Aquatic Chronic 3, H412	Calculation method

**Relevant H-statements:** H302: Harmful if swallowed.  
 H312: Harmful in contact with skin.  
 H314: Causes severe skin burns and eye damage.  
 H317: May cause an allergic skin reaction.  
 H318: Causes serious eye damage.  
 H319: Causes serious eye irritation.  
 H332: Harmful if inhaled.  
 H335: May cause respiratory irritation.  
 H373: May cause damage to organs through prolonged or repeated exposure.  
 H412: Harmful to aquatic life with long lasting effects.

**Further information:** None

**Changes to the SDS in this revision:** Section 14.8.

This information is based solely on data provided by suppliers of the materials used, not on the mixture itself. No warranty is expressed or implied regarding the suitability of the product for the user's particular purpose. The user must make their own determination as to suitability.